



Royal United Services Institute of Nova Scotia

Dispatches

26 July 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/dispatches/>. 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.

If you are not a routine recipient of *Dispatches* but wish to be so, email the Institute's Chief Information Officer (CIO) at RUSINovaScotia@gmail.com. If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO.

Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). 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. The most recent four editions are posted at: <https://rusi-ns.ca/defence-and-security-newsletter/>. 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.

15 August, Thursday - Naval Association of Canada NS Branch (NS NAC) has extended an invitation to their Annual Garden Party to members of RUSI(NS). 1130 for noon. Royal Artillery Park. \$15 per person. No host bar. Dress as appropriate for the weather. The menu is a selection of goodies, savoury and sweet. Please advise Bob Lancashire (casalanc@eastlink.ca) or Don Uhrich (dguhricht@eastlink.ca) if you will be attending and the number in your party. Feel free to extend the invitation to friends and associates, same price for all. Please respond early so NS NAC can get a handle on numbers. This year NS NAC will be asking for donations (tax receipt available for amount over \$10) to support a special fund raiser for a commemorative plaque and story board marking the long standing association between the Royal Canadian Navy and HM Dockyard Ireland Island, Bermuda, to be mounted in the National Museum of Bermuda, Ireland Island, Bermuda. Email RUSINovaScotia@gmail.com for pictures of the mock ups of the plaque and story board.

New: 21 August, Wednesday - Distinguished Speaker Commodore Darren Garnier, talking about his recent tour in command of Combined Task Force 150, the international maritime security task force operating off of north east Africa and south west Asia. 1130-1330. Royal Artillery Park Officers' Mess.

18 September, Wednesday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess.

6 November, Wednesday – save the date for the RUSI(NS) 2019 Remembrance Dinner. Evening, Royal Artillery Park Officers' Mess.

Recent Publications:

RUSI(NS) Presentation "Defence, Innovation and Duct Tape: Innovation Agendas in Application" by LCol Barbarie Palmer RCAF (ret'd), Senior Director Business Development (Air and Land), Bluedrop Training and Simulation, 17 July 2019

<https://rusi-ns.ca/wp-content/uploads/2019/07/DefenceInnovationDuctTape.pdf>

RUSI(NS) Presentation "Defence Research & Development - Canada's work in the Arctic" by Dr Garry Heard, Defence R & D Canada - Atlantic, 19 June 20

<https://rusi-ns.ca/arctic-research-development/>

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

CDN Naval Review @CdnNavalReview 20 Jul tweeted and RUSI(NS) retweeted: Interesting article. And good to hear discussion about RCN work on becoming a high-tech digital navy. "The Future of Shipbuilding in Canada," (The Future of Shipbuilding in Canada <https://vanguardcanada.com/2019/07/16/the-future-of-shipbuilding-in-canada/>)



CDA Institute @CDAInstitute 22 Jul tweeted and RUSI(NS) retweeted: FEATURE by former @csiscanada A.D. Ops Alistair Hensley & recent @Carleton_U graduate Tyler Berry. "The incapacity to covertly collect foreign human intelligence abroad places Canada among a minority of nations worldwide." Time for a #rethink? (Canadian Foreign Intelligence Agency: Time for Action <https://cdainstitute.ca/canadian-foreign-intelligence-agency-time-for-action/>)



STRATCOMCOE @STRATCOMCOE 23 Jul tweeted: "More than two dozen accounts tweeting the hashtag #TrudeauMustGo were created in the past two days, many of which tweeted at non-human rates." Read more: (Twitter bots boosted the trending #TrudeauMustGo hashtag <https://www.nationalobserver.com/2019/07/18/news/twitter-bots-boosted-trending-trudeaumustgo-hashtag>) RUSI(NS) retweeted: There is a #PublicInformationWar ongoing in CAN🇨🇦. Country no longer geographically isolated, our borders are being breached by #InformationWar #PoliticalWar attacks. Defence needs to be of greater concern to citizens



"Canada announces next step in future fighter competition."
 Request for Proposals released
<https://www.canada.ca/en/public-services-procurement/news/2019/07/canada-announces-next-step-in-future-fighter-competition.html> Future Fighter Capability Project Overview
<https://www.canada.ca/content/dam/dnd-mdn/documents/quad-charts/ffcp-quad-chart-en.pdf> #RCAF #FutureFighter



"HMCS St. John's crew peers into future design of Canadian Surface Combatant"
<http://www.navy-marine.forces.gc.ca/en/news-operations/news-view.page?doc=hmcs-st-john-s-crew-peers-into-future-design-of-canadian-surface-combatant/jydwqps0> Details of future #RCNavy frigate from sailors' perspective. Reads like a well-designed warship #CSC



Responsible action by CAN🇨🇦 to break ships in Canada
<https://ipolitics.ca/2019/07/18/feds-award-4m-contract-to-deconstruct-ship-that-brought-tamil-migrants-to-canada/>
 @RCN_MRC #RCNavy & @CoastGuardCAN ships have gone to NS breakers, interesting now to include impounded ship. Source for more contracts? Need also include agency ferries. Bravo Canadian Maritime Engineering (Feds award \$4M contract to deconstruct ship that brought Tamil migrants to Canada)



STRATCOMCOE @STRATCOMCOE 25 Jul tweeted and RUSI(NS) retweeted: "StratCom should be the concern of all of NATO, not just dedicated elements and branches... NATO's language should therefore be comprehensible to wider society, mass media, and other international organisations." Read more in our latest report: <https://www.stratcomcoe.org/improving-nato-strategic-communications-terminology>

(Improving NATO Strategic Communications Terminology)



iPolitics @ipoliticsca 25 Jul tweeted: OPINION: With a two-phased RFP, the government continues to "game" the procurement process by putting off security and interoperability issues until after the election to "maintain the pretence of an equitable process," writes Alan Stephenson #cdnpoli
<https://ipolitics.ca/2019/07/25/cabinet-needs-to-take-responsibility-for-cleaning-up-the-fighter-procurement-mess/>
 (Cabinet needs to take responsibility for cleaning up the fighter procurement mess)
 RUSI(NS) retweeted: #RCAF #FutureFighter #CF188 #Hornet



Posted on Facebook Royal United Services Institute NS with comments:

Russian navy to receive container air defence system

<https://www.navyrecognition.com/index.php/news/defence-news/2019/july/7295-russian-navy-to-receive-container-air-defence-system.html>



Containerization can provide sensor and weapon systems to ships that otherwise lack them. It is understood that the Royal Canadian Navy is studying the potential of containerization. Can you envision what this could do for, say, the Arctic and Offshore Patrol Vessels, each capable of carrying six containers?

Royal Navy redoubles efforts following tanker seizure with nuclear sub deployment

<https://www.defenceconnect.com.au/maritime-antisub/4460-royal-navy-redoubles-efforts-following-tanker-seizure-with-nuclear-sub-deployment>



"The Royal Navy's deployment of a submarine highlights the tactical and strategic deterrence capabilities such platforms possess and the force multiplying capacity submarines fill in contemporary force structures when deployed either independently or to operate as part of a larger naval task group providing important tactical and strategic operating concepts for" (Canada).

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.

Canada gets its first-ever intelligence commissioner



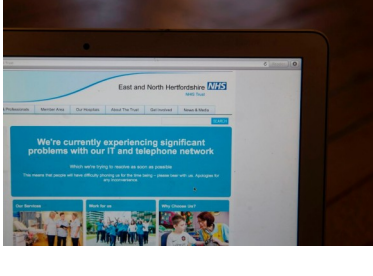



<https://www.cbc.ca/news/somni-1.5216443>











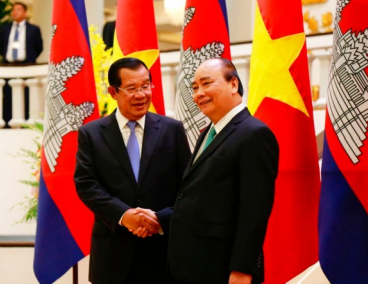



This Week



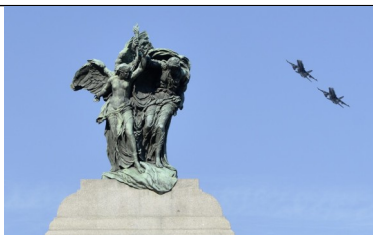
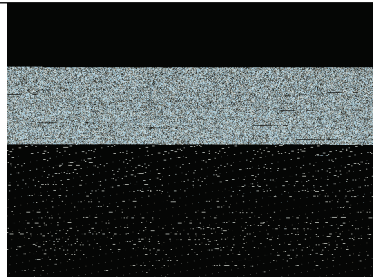




<https://mailchi.mp/rusi.org/thisweek-12july-166465?e=a539211a30>

<p>Iran denies US destroyed an Iranian drone near Persian Gulf</p> <p>https://www.militarytimes.com/flashpoints/2019/07/19/iran-denies-us-destroyed-an-iranian-drone-near-persian-gulf/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.19.19&utm_term=Editorial - Early Bird Brief</p>	
<p>British Air Force charts a rise in Russian activity around Baltic states</p> <p>https://www.defensenews.com/smr/a-modern-nato/2019/07/18/royal-air-force-charts-a-rise-in-russian-activity-around-baltic-states/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.19.19&utm_term=Editorial - Early Bird Brief</p>	
<p>Cyberdeterrence Needs People, Not Weapons</p> <p>https://foreignpolicy.com/2019/07/19/cyber-deterrence-needs-people-not-weapons/?utm_source=PostUp&utm_medium=email&utm_campaign=14042&utm_term=Editor#39;s Picks OC</p>	
<p>'Looking to Break Status Quo,' Iran Seizes UK Tanker</p> <p>https://www.defenseone.com/threats/2019/07/looking-break-status-quo-iran-seizes-uk-tanker/158569/?oref=defense_one_breaking_nl</p>	
<p>The US Is Unprepared to Mobilize for Great Power Conflict</p> <p>https://www.defenseone.com/ideas/2019/07/us-unprepared-mobilize-great-power-conflict/158560/?oref=defenseone_today_nl</p>	
<p>Released audio reveals Iranian aggression in Strait</p> <p>https://www.navytimes.com/news/your-navy/2019/07/21/released-audio-reveals-iranian-aggression-in-strait/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB:07.22.19&utm_term=Editorial - Early Bird Brief</p>	

<p>‘A period of great upheaval’: What’s going on with Canada’s military leaders</p> <p>https://www.defensenews.com/global/the-americas/2019/07/19/a-period-of-great-upheaval-whats-going-on-with-canadas-military-leaders/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB:07.22.19&utm_term=Editorial - Early Bird Brief</p>	
<p>South Korea fires warning shots at Russia warplanes; Kremlin disputes events</p> <p>https://www.militarytimes.com/flashpoints/2019/07/23/south-korea-fires-warning-shots-at-russia-warplanes/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.23.19&utm_term=Editorial - Early Bird Brief</p>	
<p>EU’s diplomatic deputy on coordination among member states, working with the US</p> <p>https://www.defensenews.com/interviews/2019/07/22/eus-diplomatic-deputy-on-coordination-among-member-states-working-with-the-us/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.23.19&utm_term=Editorial - Early Bird Brief</p>	
<p>Ottawa formally asks companies to make their pitches to replace CF-18 jets</p> <p>https://www.cbc.ca/news/politics/ottawa-cf-18-replacement-jets-rfp-1.5221610</p>	
<p>Canada launches multibillion-dollar bidding process for 88 new fighter jets</p> <p>https://ottawacitizen.com/pmn/news-pmn/canada-news-pmn/feds-officially-launch-contract-to-supply-88-new-fighter-jets/wcm/10762f5a-0cdb-4c70-9081-5311b2bf49a7</p>	
<p>How AI Will Help Radar Detect Tiny Drones 3 Kilometers Away</p> <p>https://www.defenseone.com/technology/2019/07/how-ai-will-help-radar-detect-tiny-drones-3-kilometers-away/158641/?oref=defenseone_today_nl</p>	

<p>How Smaller States are Choosing Sides in the Indian Ocean</p> <p>https://www.defenseone.com/ideas/2019/07/how-smaller-states-are-choosing-sides-indian-ocean/158588/?oref=defenseone_today_nl</p>	
<p>US Central Command now says it ‘engaged’ 2 Iranian drones, not 1</p> <p>https://www.militarytimes.com/news/your-military/2019/07/23/us-central-command-now-says-it-engaged-2-iranian-drones-not-1/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.24.19&utm_term=Editorial - Early Bird Brief</p>	
<p>Cambodian leader denies allowing China naval base</p> <p>https://www.navytimes.com/news/your-navy/2019/07/24/cambodian-leader-denies-allowing-china-naval-base/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.24.19&utm_term=Editorial - Early Bird Brief</p>	
<p>Turkey hints at pulling access to Incirlik and Kurecik if US acts over Russian weapons purchase</p> <p>https://www.stripes.com/news/turkey-hints-at-pulling-access-to-incirlik-and-kurecik-if-us-acts-over-russian-weapons-purchase-1.591490?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.24.19&utm_term=Editorial - Early Bird Brief</p>	
<p>What’s behind the Liberals’ shipbuilding strategy shift? In short: everything</p> <p>https://globalnews.ca/news/5654948/liberals-quebec-shipbuilding-chantier-davie/</p>	
<p>North Korea fires 2 unidentified projectiles into sea, South Korean military says</p> <p>https://www.militarytimes.com/flashpoints/2019/07/24/north-korea-fires-2-unidentified-projectiles-into-sea-south-korean-military-says/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.25.19&utm_term=Editorial - Early Bird Brief</p>	

<p>China blames US for undermining global stability</p> <p>https://www.navytimes.com/news/your-navy/2019/07/24/china-blames-us-for-undermining-global-stability/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.25.19&utm_term=Editorial - Early Bird Brief</p>	
<p>China hints at military options to quell Hong Kong protests</p> <p>https://www.washingtonpost.com/world/asia_pacific/china-hints-at-military-options-to-quell-hong-kong-protests/2019/07/24/4ee36838-add0-11e9-9411-a608f9d0c2d3_story.html?noredirect=on&utm_campaign=EBB07.25.19&utm_medium=email&utm_source=Sailthru&utm_term=.474e05ff1337</p>	
<p>Government asks companies to submit bids for replacing aging CF-18 fleet</p> <p>https://ipolitics.ca/2019/07/23/government-asks-companies-to-submit-bids-for-replacing-aging-cf-18-fleet/?utm_source=Morning+Brief&utm_campaign=972721d013-EMAIL_CAMPAIGN_2016_12_02_COPY_623&utm_medium=email&utm_term=0_a43c5d924a-972721d013-206954637</p>	
<p>Federal government requests bids for new fighter jets amid concerns process favours F-35s</p> <p>https://nationalpost.com/news/canada/federal-government-requests-bids-for-new-fighter-jets-amid-concerns-process-favours-f-35s</p>	
<p>Canada's final solicitation for its next-gen fighter is out. Who will bid for the contract?</p> <p>https://www.defensenews.com/air/2019/07/23/canadas-final-solicitation-for-its-next-gen-fighter-is-out-who-will-bid-for-the-contract/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB07.24.19&utm_term=Editorial - Early Bird Brief</p>	
<p>Trudeau's promise to replace fighter jets is far over the horizon</p> <p>https://ottawasun.com/opinion/columnists/lilley-trudeaus-promise-to-replace-fighter-jets-is-far-over-the-horizon/wcm/464af423-e5d3-44b1-b5fb-7fd7ea663890</p>	

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

#Arctic

Between Militarization and Disarmament: Constructing Peace in the Arctic

blog: <https://www.rcinet.ca/eye-on-the-arctic/2019/07/23/blog-arctic-militarization-disarmament-security-military-nuclear-cold-warpeace/>

NORAD Warns of New Cruise Missile Threat as Arctic Opens Up

<https://www.maritime-executive.com/article/norad-warns-of-new-cruise-missile-threat-as-arctic-opens-up>

#China #seapower

Localized Sea Denial: Countering Chinese Aggression in the South China Sea

<http://cimsec.org/localized-sea-denial-countering-chinese-aggression-in-the-south-china-sea>

#civil-military relations

Examining the Breakdown of Trust in Military and First Responders

<https://inpublicsafety.com/2019/07/examining-the-breakdown-of-trust-in-military-and-first-responders/>

US but worth a comparison.

Comment from a RUSI(NS) contributor: An interesting read, but I note the author uses the term first responder when talking about a decline in public support when really he is talking about a decline in support for law enforcement agencies and the US military. American firefighters and paramedics still enjoy widespread support from the public.

Canada has already seen a decline in military support after our disengagement from Afghanistan and subsequent scandals such as the Norman affair. Support here for law enforcement has remained relatively strong despite some high profile cases such as the Robert Dziekanski case or Sammy Yatim shooting.

American law enforcement agencies are becoming politicized, with agencies such as CBP and ICE becoming the equivalent of the American "state secret police" to a significant portion of the population. I don't see a parallel movement in Canada, but American politics always seems to have an influence on Canadian public perceptions.

#cyber operations

Cyber Deterrence Needs People, Not Weapons

<https://foreignpolicy.com/2019/07/19/cyber-deterrence-needs-people-not-weapons/>

#encryption

Attorney General William Barr on Encryption Policy

<https://www.lawfareblog.com/attorney-general-william-barr-encryption-policy>

William Barr Says One New and Important Thing That Changes the Policy Debate on Exceptional Access

<https://www.lawfareblog.com/william-barr-says-one-new-and-important-thing-changes-policy-debate-exceptional-access>

Attorney General Delivers Address on Encryption at Cybersecurity Conference

<https://www.lawfareblog.com/attorney-general-delivers-address-encryption-cybersecurity-conference>

#drones

Marines Took Out Iranian Drone for the Cost of a Tank of Gas

<https://news.usni.org/2019/07/19/marines-took-out-iranian-drone-for-the-cost-of-a-tank-of-gas>

Drone wars...

#financial crime #finwar

The UK's Economic Crime Plan: A First Step on the Road to Progress

<https://rusi.org/commentary/uk's-economic-crime-plan-first-step-road-progress>

#information operations

(For this article I hesitate to use the hashtag #bullshit)

University bullshit experts: Fake face software signals a new era of AI-based BS

<https://thebulletin.org/2019/07/university-bullshit-experts-fake-face-software-signals-a-new-era-of-ai-based-bs/>

Term alert! GAN (generative adversarial networks) - artificial intelligence setups that pit two computer systems against one another, in this instance one system tries to produce authentic-looking fake faces and another tries to figure out which images are fakes.

The existential threat from cyber-enabled information warfare

<https://thebulletin.org/2019/06/the-existential-threat-from-cyber-enabled-information-warfare/>

The Alphabet Book of Pro-Kremlin Disinformation (Part I: A – E)

https://euvsdisinfo.eu/__alphabetae/

#leadership

On Followership: Seeing the Weight of Leadership

<https://fromthegreennotebook.com/2019/07/24/on-followership-seeing-the-weight-of-leadership/>

#logistics

The water in the well – how much readiness is enough?

<https://logisticsinwar.com/2019/07/07/the-water-in-the-well-how-much-readiness-is-enough/>

Burying the hero – how logistics and readiness changed war

<https://logisticsinwar.com/2019/07/23/burying-the-hero-how-logistics-and-readiness-changed-war/>

#military justice

Unity of Command: Authority and Responsibility over Military Justice

<https://ndupress.ndu.edu/Media/News/News-Article-View/Article/1848000/unity-of-command-authority-and-responsibility-over-military-justice/>

US but worth a compare.

#seapower

Why is the Strait of Hormuz important?

<https://www.navytimes.com/news/your-navy/2019/07/19/why-is-the-strait-of-hormuz-important/>

#search and rescue

Minister publishes review of the UK Search and Rescue Helicopter service

<https://www.gov.uk/government/news/minister-publishes-review-of-the-uk-search-and-rescue-helicopter-service>

Review of the UK search and rescue helicopter service

<https://www.gov.uk/government/publications/review-of-the-uk-search-and-rescue-helicopter-service>

#space

Arms control in outer space: The Russian angle, and a possible way forward

<https://thebulletin.org/2019/06/arms-control-in-outer-space-the-russian-angle-and-a-possible-way-forward/>

#staff

Staff Ninja or Staff Monkey?

<https://thearmyleader.co.uk/staff-ninja/>

#strategy

The Melians' Revenge: How Small, Frontline, European States Can Employ Emerging Technology to Defend Against Russia

https://css.ethz.ch/content/dam/ethz/special-interest/gess/cis/center-for-securities-studies/resources/docs/Atlantic_Council_The_Melians_Revenge.pdf

#war

Limited Wars Are Forever Wars

<https://foreignpolicy.com/2019/07/17/limited-wars-are-forever-wars/>

Other:

Sniped off Twitter - Jargon update: multi-domain operations/C2 is apparently now being called "Joint All-Domain Command and Control."