



## Royal United Services Institute of Nova Scotia

### Dispatches

9 August 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](mailto: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](mailto: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](mailto: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](mailto:casalanc@eastlink.ca)) or Don Uhrich ([dguhricht@eastlink.ca](mailto: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](mailto:RUSINovaScotia@gmail.com) for pictures of the mock ups of the plaque and story board.

**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, possibly RCAF and Cyclone related. 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) Information Note "A System to Judge Information Reliability" <https://rusi-ns.ca/a-system-to-judge-information-reliability/>, 4 August 2019



RUSI(NS) paper "The Canadian North, our Airspace, its Surveillance, Air Traffic Control and Search and Rescue - Is Canada doing enough?" by Murray Lee and Ed Young, 1 August 2019  
<https://rusi-ns.ca/the-canadian-north-our-airspace-its-surveillance-air-traffic-control-and-search-and-rescue-is-canada-doing-enough/>

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>

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 08 August 2019 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

The Military Institute of Windsor Communiqué, Volume XXXVII Number 7 July - August 2019 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

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

<p>Macdonald-Laurier Institute @MLInstitute Jul 31 tweeted and RUSI(NS) retweeted: NEW: How can we safeguard Canada's federal election from foreign interference by Russia and others? To answer this question, @kolga, @_JakubJanda, &amp; Nathalie Vogel examine the experiences of other Western countries. #cdnpoli @_EuropeanValues @_KremlinWatch (Russia-proofing your election against foreign interference <a href="https://www.macdonaldlaurier.ca/russia-proofing-election-foreign-interference-new-mli-study/">https://www.macdonaldlaurier.ca/russia-proofing-election-foreign-interference-new-mli-study/</a>)</p>	
<p>Rqmt for vessel charter for R&amp;D staff to deploy long, seabed acoustic seabed array at @CanadianForces Maritime Experimental &amp; Test Range <a href="https://buyandsell.gc.ca/procurement-data/tender-notice/PW-HAL-122-5909">https://buyandsell.gc.ca/procurement-data/tender-notice/PW-HAL-122-5909</a> A balanced navy consists of range of vessels incl specialized auxiliaries. Sometimes charter, sometimes part of fleet (Vessel Charter - Array Deployment)</p>	

Canadian Coast Guard @CoastGuardCAN 2 Aug tweeted: Major announcement: SIX new icebreakers will be built right here in Canada to replace our existing fleet ensuring we have the modern equipment we need to help keep our waterways safe and open for business #NationalShipBuildingStrategy

(video:

<https://twitter.com/CoastGuardCAN/status/1157298407561736193>)

(Government of Canada announces construction of new icebreakers for Canadian Coast Guard

<https://www.canada.ca/en/public-services-procurement/news/2019/08/government-of-canada-announces-construction-of-new-icebreakers-for-canadian-coast-guard.html>

Canadian Coast Guard's new Icebreakers

<https://www.canada.ca/en/canadian-coast-guard/news/2019/08/canadian-coast-guards-new-icebreakers.html>)

RUSI(NS) retweeted: Bravo @CoastGuardCAN!

Significant/welcome enhancement to CAN🇨🇦 capability to guard our coasts espec #Arctic. Good/necessary to support strategic shipbuilding industry/jobs for Canadians

RUSI(NS) retweeted: Apparently 6 new icebreakers are indeed new & not part of May2019 announcement of 16 new vessels + 2 AOPS-design for #CCG



RUSI(NS) Information Note "A System to Judge Information Reliability" <https://rusi-ns.ca/a-system-to-judge-information-reliability/>

Source Reliability		Information Creditability	
A	Completely reliable	1	Confirmed by other sources
B	Usually reliable	2	Probable
C	Fairly reliable	3	Possible
D	Not usually reliable	4	Doubtful
E	Unreliable	5	Improbable
F	Reliability cannot be judged	6	Truth cannot be judged

David Pugliese @davidpugliese 7 Aug tweeted: My latest article....RCAF expects new name for search and rescue aircraft to be announced by November

(<https://ottawacitizen.com/news/national/defence-watch/rcaf-expects-new-name-for-search-and-rescue-aircraft-to-be-announced-by-november>)

RUSI(NS) retweeted: November not unreasonable time for announcement considering need to consult with search&rescue #SAR community & to do legal work incl trademark. Post-election, so suitable ceremony can then be arranged. Caretaker convention must be a consideration now

*The caption to the article's photo reads: "First C-295 for the RCAF undergoes a test flight. Airbus photo." CC295, really. Still in Spanish colours/symbols which makes sense as aircraft has not been turned over to Canada.*



Common Operating Picture of CAN🇨🇦 North/#Arctic enhanced by Local Area Resource Reports, especially of infrastructure/logistics, contributed by #CanadianRangers <https://www.quesnelobserver.com/news/4crpg-standing-up-a-new-patrol-in-quesnel/> Local people know local situations best, makes for strong national presence

(4CRPG standing up a new patrol in Quesnel)



### Posted on Facebook Royal United Services Institute NS with comments:

Cyber Warfare: Army Deploys 'Social Media Warfare' Division To Fight Russia

<https://www.forbes.com/sites/zakdoffman/2019/08/01/social-media-warfare-new-military-cyber-unit-will-fight-russias-dark-arts/?ss=cybersecurity#8ffb0914f6e8>



"The U.K.'s new special cyber operations unit, 6 Division (6 Div), will move beyond the typical cyber capabilities within the military sphere into full-blown social media 'information warfare.'"

"...the new unit also has an offensive and defensive propaganda remit..."

Interesting to read the word 'propaganda' being used in such a neutral fashion.

Interesting, too, that the organization, at least as reported, is a division. Staff echelon or manoeuvre unit?

Comment from RUSI(NS) Member: "Army restructures to confront evolving threats" (<https://www.army.mod.uk/news-and-events/news/2019/08/army-restructures-to-confront-evolving-threats/>): 6th (United Kingdom) Division. The re-designation of Force Troops Command (FTC) to 6th (United Kingdom) Division (6 (UK) Div) will provide the Army's asymmetric edge, orchestrating Intelligence, Counter-Intelligence, Information Operations, Electronic Warfare, Cyber and unconventional warfare. 6 (UK) Div will include: 1st Signal Brigade, 11th Signal Brigade, 1st Intelligence Surveillance and Reconnaissance Brigade, 77th Brigade and the Specialist Infantry Group.

Almost half of UK's frigates and destroyers out of action, Royal Navy confirms

<https://www.plymouthherald.co.uk/news/uk-world-news/almost-half-uks-frigates-destroyers-3131102>



Two lessons from the article:

1. Number of ships in a fleet is important when a government is facing multiple national objectives.
2. Having a robust ships engineering system, with yards, maintenance units and trained staff, is important to keep a fleet readiness level up. A rule-of-thumb is one third of a fleet deployable/deployed, one third preparing for or returning from deployment, and one third is long-term unavailability for maintenance.

“The oldest Type 23s will be 30/35 years old when the Type 26s come in...” "That is ancient in warship terms. Old ships cost more to keep running and they break down more often."

Fleets should be re-capitalized so ships do not age out. 30 years is a good target to 'life-cycle' a warship.

Government of Canada announces construction of new icebreakers for Canadian Coast Guard

<https://www.canada.ca/en/public-services-procurement/news/2019/08/government-of-canada-announces-construction-of-new-icebreakers-for-canadian-coast-guard.html>



On 2 August 2019 the Government of Canada announced that the Canadian Coast Guard (CCG) will be procuring six new program icebreakers to replace its current aging fleet of icebreakers.

Some information received in response to queries resulting from the announcement:

1. The six new icebreakers are new and separate from the Government announcement in May 2019 of 18 vessels for the CCG, two of which will be based on the Navy's Arctic and Offshore Patrol Ship design.
2. The 16 new Multi-Purpose Vessels (MPV) announced in May will all be light icebreakers. The six new 'Program Icebreakers' announced 2 August will replace medium and heavy icebreakers in the Coast Guard fleet.

See also: "Canadian Coast Guard's new Icebreakers"

<https://www.canada.ca/en/canadian-coast-guard/news/2019/08/canadian-coast-guards-new-icebreakers.html>

Army Halts Plans to Scuttle Its Fleet of Watercraft

<https://www.military.com/daily-news/2019/08/03/army-halts-plans-scuttle-its-fleet-watercraft.html>



Psst! Wanna buy an LCM?

Hmm, maybe Canada can pick up a vessel or two at a good price. Logistics vessels are always useful, and maybe MV *Asterix* could use a couple of LCM.

At one time the US Army had more ships than the US Navy.

At one time the Canadian Army had ships. (Okay, just for moving troops around coastal defence installations.)

Canada and peacekeeping

<https://www.thewhig.com/opinion/columnists/canada-and-peacekeeping>



"...the story of Canada's involvement in international peacekeeping is an odd mixture of enthusiasm, prudence and reluctance."

Shifting from the 'sea-air gap' toward 'forward defence in depth'

<https://www.defenceconnect.com.au/key-enablers/4215-shifting-from-the-sea-air-gap-toward-forward-defence-in-depth>



The Aussies have got to figure out how to do forward defence as well as all round defence. Forward defence requires Southwest Pacific, South China Sea, as well as Southern and Indian Ocean capabilities. That suggests a much larger navy and air force plus a more mobile army. The national limitations of people and tax revenues will restrict the necessary expansion.




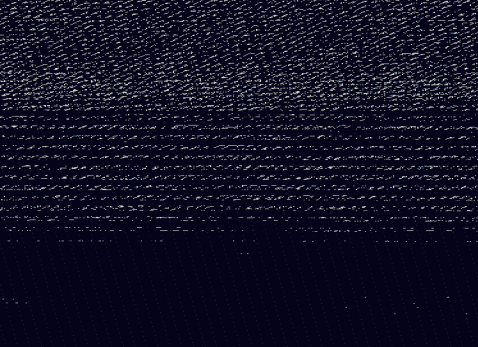

Will The Sentinel Program Work? Understanding Iranian Aggression and U.S. Mixed Signals






<http://cimsec.org/will-the-sentinel-program-work-understanding-iranian-aggression-and-u-s-mixed-signals/41182>









"Whereas Iran has a long-term offensive strategy, increasingly dependent on hybrid tactics, up until this point U.S. responses have been tactical, and often attuned to political interests than to strategic military needs. Furthermore, Sentinel at its core is a narrow defensive project that in no way aims to degrade Iran's capability to continue wreaking havoc in the region. In reality, a serious and comprehensive strategy to counter Iran would likewise be hybrid and look to disrupt Iran's information warfare, military, and defense mechanisms just as much as Tehran looks to disrupt those of the Western and Gulf countries."

**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.

 <h1>Focus</h1> <p>MONTHLY UPDATE FROM THE ROYAL UNITED SERVICES INSTITUTE</p>	
<p><a href="https://mailchi.mp/rusi.org/july-2019-newsletter-166505?e=a539211a30">https://mailchi.mp/rusi.org/july-2019-newsletter-166505?e=a539211a30</a></p> <p>Royal Canadian Air Force aircraft to get new radios at a cost of \$58 million</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/royal-canadian-air-force-aircraft-to-get-new-radios-at-a-cost-of-58-million">https://ottawacitizen.com/news/national/defence-watch/royal-canadian-air-force-aircraft-to-get-new-radios-at-a-cost-of-58-million</a></p>	
<p>Defence department asks Canadian scientists to tackle space junk problem</p> <p><a href="https://nationalpost.com/news/defence-department-asks-canadian-scientists-to-tackle-space-junk-problem">https://nationalpost.com/news/defence-department-asks-canadian-scientists-to-tackle-space-junk-problem</a></p>	
<p>U.S. preparing to withdraw thousands of troops from Afghanistan in initial deal with Taliban</p> <p><a href="https://www.washingtonpost.com/world/national-security/us-preparing-to-withdraw-thousands-of-troops-from-afghanistan-in-initial-deal-with-taliban/2019/08/01/01e97126-b3ac-11e9-8f6c-7828e68cb15f_story.html?noredirect=on&amp;utm_campaign=EBB:%2008.02.19&amp;utm_medium=email&amp;utm_source=Sailthru&amp;utm_term=.866f4fab154f">https://www.washingtonpost.com/world/national-security/us-preparing-to-withdraw-thousands-of-troops-from-afghanistan-in-initial-deal-with-taliban/2019/08/01/01e97126-b3ac-11e9-8f6c-7828e68cb15f_story.html?noredirect=on&amp;utm_campaign=EBB:%2008.02.19&amp;utm_medium=email&amp;utm_source=Sailthru&amp;utm_term=.866f4fab154f</a></p>	

<p>Japan allows F-35A fighters to fly again after deadly April crash halted operations</p> <p><a href="https://www.stripes.com/news/pacific/japan-allows-f-35a-fighters-to-fly-again-after-deadly-april-crash-halted-operations-1.592736?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.stripes.com/news/pacific/japan-allows-f-35a-fighters-to-fly-again-after-deadly-april-crash-halted-operations-1.592736?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>North Korea's new weapons take aim at the South's F-35 stealth fighters</p> <p><a href="https://www.defensenews.com/digital-show-dailies/smd/2019/08/01/north-koreas-new-weapons-take-aim-at-souths-f-35-stealth-fighters/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.defensenews.com/digital-show-dailies/smd/2019/08/01/north-koreas-new-weapons-take-aim-at-souths-f-35-stealth-fighters/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>Italy Navy, Air Force debate where to base F-35Bs</p> <p><a href="https://www.defensenews.com/global/europe/2019/08/01/italy-navy-air-force-debate-where-to-base-f-35bs/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.defensenews.com/global/europe/2019/08/01/italy-navy-air-force-debate-where-to-base-f-35bs/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>Allies Push Back Against US Waffling on New START</p> <p><a href="https://breakingdefense.com/2019/08/allies-push-back-against-us-waffling-on-new-start/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://breakingdefense.com/2019/08/allies-push-back-against-us-waffling-on-new-start/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB:%202008.02.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>A Basic Primer on Naval Shipbuilding</p> <p><a href="https://www.cgai.ca/a_basic_primer_on_naval_shipbuilding?utm_campaign=02_08_19roundup&amp;utm_medium=email&amp;utm_source=cdfai">https://www.cgai.ca/a_basic_primer_on_naval_shipbuilding?utm_campaign=02_08_19roundup&amp;utm_medium=email&amp;utm_source=cdfai</a></p>	



<p>Ottawa officially launches process to bring 3rd shipyard into national strategy</p> <p><a href="https://globalnews.ca/news/5718947/national-shipbuilding-strategy-third-shipyard/">https://globalnews.ca/news/5718947/national-shipbuilding-strategy-third-shipyard/</a></p>	
<p>What Does the Demise of the INF Treaty Mean for Nuclear Arms Control?</p> <p><a href="https://foreignpolicy.com/2019/08/02/what-does-the-demise-of-the-i-n-f-treaty-mean-for-nuclear-arms-control-intermediate-nuclear-forces-new-start-strategic-arms-limitation-nonproliferation-trump-russia-arms-control-explained/?utm_source=PostUp&amp;utm_medium=email&amp;utm_campaign=14414&amp;utm_term=Editor#39;s%20Picks%20OC">https://foreignpolicy.com/2019/08/02/what-does-the-demise-of-the-i-n-f-treaty-mean-for-nuclear-arms-control-intermediate-nuclear-forces-new-start-strategic-arms-limitation-nonproliferation-trump-russia-arms-control-explained/?utm_source=PostUp&amp;utm_medium=email&amp;utm_campaign=14414&amp;utm_term=Editor#39;s%20Picks%20OC</a></p>	
<p>A System to Judge Information Reliability</p> <p><a href="https://rusi-ns.ca/a-system-to-judge-information-reliability/">https://rusi-ns.ca/a-system-to-judge-information-reliability/</a></p>	
<p>Military-Style Surveillance Technology Is Being Tested in American Cities</p> <p><a href="https://www.defenseone.com/technology/2019/08/military-style-surveillance-technology-being-tested-american-cities/158912/?oref=defenseone_today_nl">https://www.defenseone.com/technology/2019/08/military-style-surveillance-technology-being-tested-american-cities/158912/?oref=defenseone_today_nl</a></p>	
<p>Watch the skies: How a US base in Greenland tracks ballistic missiles</p> <p><a href="https://www.defensenews.com/smr/a-modern-nato/2019/08/05/watch-the-skies-how-a-us-base-in-greenland-tracks-ballistic-missiles/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=ebb%208-5&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.defensenews.com/smr/a-modern-nato/2019/08/05/watch-the-skies-how-a-us-base-in-greenland-tracks-ballistic-missiles/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=ebb%208-5&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>British frigate shadows Chinese warship in the English Channel</p> <p><a href="https://www.navytimes.com/news/your-navy/2019/08/03/british-frigate-shadows-chinese-warship-in-the-english-channel/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=ebb%208-5&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.navytimes.com/news/your-navy/2019/08/03/british-frigate-shadows-chinese-warship-in-the-english-channel/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=ebb%208-5&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	

Will we see a new arms race? That depends on Russia, says NATO chief

[https://www.defensenews.com/smr/a-modern-nato/2019/08/02/will-we-see-a-new-arms-race-that-depends-on-russia-says-nato-chief/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%208-5&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/smr/a-modern-nato/2019/08/02/will-we-see-a-new-arms-race-that-depends-on-russia-says-nato-chief/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%208-5&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Israeli army in no rush to go fully robotic

[https://www.reuters.com/article/us-israel-technology/israeli-army-in-no-rush-to-go-fully-robotic-idUSKCN1UU0JQ?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%208-5&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.reuters.com/article/us-israel-technology/israeli-army-in-no-rush-to-go-fully-robotic-idUSKCN1UU0JQ?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%208-5&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Proposal highlights HMCS Toronto's return from deployment

<https://www.thechronicleherald.ca/news/halifax/proposal-highlights-hmcs-torontos-return-from-deployment-339398/>



With China, Russia in Mind, Pentagon Adding Stealthy Cruise Missiles






[https://www.defenseone.com/business/2019/08/china-russia-mind-pentagon-adding-stealthy-cruise-missiles/158943/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/business/2019/08/china-russia-mind-pentagon-adding-stealthy-cruise-missiles/158943/?oref=defenseone_today_nl)

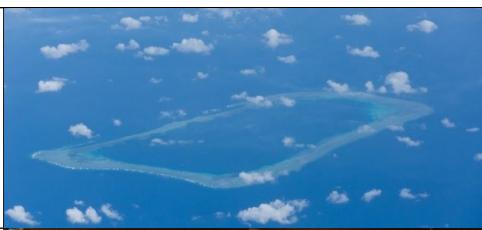






Australia says it won't be hosting US missile site

[https://www.militarytimes.com/news/pentagon-congress/2019/08/05/australia-says-it-wont-be-hosting-us-missile-site/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EarlyBird%2008.06.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/pentagon-congress/2019/08/05/australia-says-it-wont-be-hosting-us-missile-site/?utm_source=Sailthru&utm_medium=email&utm_campaign=EarlyBird%2008.06.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



<p>Nordic countries see Russia flex its missile muscles</p> <p><a href="https://www.defensenews.com/global/europe/2019/08/05/nordic-countries-see-russia-flex-its-missile-muscles/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EarlyBird%2008.06.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.defensenews.com/global/europe/2019/08/05/nordic-countries-see-russia-flex-its-missile-muscles/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EarlyBird%2008.06.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>China vows response if US deploys missiles in region, arms race feared</p> <p><a href="https://www.foxnews.com/politics/china-vows-response-if-us-deploys-missiles-in-region-arms-race-feared?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EarlyBird%2008.06.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.foxnews.com/politics/china-vows-response-if-us-deploys-missiles-in-region-arms-race-feared?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EarlyBird%2008.06.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>DEFENCE INVESTMENT PLAN 2018: Annual Update 2019</p> <p><a href="https://www.canada.ca/content/dam/dnd-mdn/documents/reports/2019/defence-investment-plan-2019-update.pdf">https://www.canada.ca/content/dam/dnd-mdn/documents/reports/2019/defence-investment-plan-2019-update.pdf</a></p>	
<p>DND looking at acquiring drones to replace those damaged in crashes earlier this year</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/dnd-looking-at-acquiring-drones-to-replace-those-damaged-in-crashes-earlier-this-year">https://ottawacitizen.com/news/national/defence-watch/dnd-looking-at-acquiring-drones-to-replace-those-damaged-in-crashes-earlier-this-year</a></p>	
<p>RCAF expects new name for search and rescue aircraft to be announced by November</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/rcaf-expects-new-name-for-search-and-rescue-aircraft-to-be-announced-by-november">https://ottawacitizen.com/news/national/defence-watch/rcaf-expects-new-name-for-search-and-rescue-aircraft-to-be-announced-by-november</a></p>	

<p>China's Credibility Problem</p> <p><a href="https://www.defenseone.com/ideas/2019/08/chinas-credibility-problem/158956/?oref=defenseone_today_nl">https://www.defenseone.com/ideas/2019/08/chinas-credibility-problem/158956/?oref=defenseone_today_nl</a></p>	
<p>Beijing Warns Hong Kong Protesters: Don't 'Play With Fire'</p> <p><a href="https://www.npr.org/2019/08/06/748570104/beijing-warns-hong-kong-protesters-dont-play-with-fire?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.npr.org/2019/08/06/748570104/beijing-warns-hong-kong-protesters-dont-play-with-fire?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>NATO says it's not preparing for an unlikely US withdrawal</p> <p><a href="https://www.militarytimes.com/news/pentagon-congress/2019/08/06/nato-says-its-not-preparing-for-an-unlikely-us-withdrawal/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.militarytimes.com/news/pentagon-congress/2019/08/06/nato-says-its-not-preparing-for-an-unlikely-us-withdrawal/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>Audio is transforming surveillance</p> <p><a href="https://security.frontline.online/article/2019/2/11881-Audio-is-transforming-surveillance?utm_source=FrontLine+e-Newsletter&amp;utm_campaign=7ef8d41958-EMAIL_CAMPAIGN_2019_08_07_01_41&amp;utm_medium=email&amp;utm_term=0_c695d3fd22-7ef8d41958-89113457">https://security.frontline.online/article/2019/2/11881-Audio-is-transforming-surveillance?utm_source=FrontLine+e-Newsletter&amp;utm_campaign=7ef8d41958-EMAIL_CAMPAIGN_2019_08_07_01_41&amp;utm_medium=email&amp;utm_term=0_c695d3fd22-7ef8d41958-89113457</a></p>	
<p>The Future of the PLA</p> <p><a href="https://foreignpolicy.com/2019/08/06/the-future-of-the-pla/?utm_source=PostUp&amp;utm_medium=email&amp;utm_campaign=14462&amp;utm_term=Flashpoints%20OC">https://foreignpolicy.com/2019/08/06/the-future-of-the-pla/?utm_source=PostUp&amp;utm_medium=email&amp;utm_campaign=14462&amp;utm_term=Flashpoints%20OC</a></p>	

The Growing Cybersecurity Risk in Software Supply Chains

[https://www.cgai.ca/the\\_growing\\_cybersecurity\\_risk\\_in\\_software\\_supply\\_chains?utm\\_campaign=cohen\\_cybersecurity&utm\\_medium=email&utm\\_source=cd\\_fai](https://www.cgai.ca/the_growing_cybersecurity_risk_in_software_supply_chains?utm_campaign=cohen_cybersecurity&utm_medium=email&utm_source=cd_fai)



Vietnam confirms China ship leaves its waters, ending month-long standoff

[https://www.reuters.com/article/us-vietnam-china-southchinesea/vietnam-confirms-china-ship-leaves-its-waters-ending-month-long-standoff-idUSKCNIUY0YS?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%202008.08.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.reuters.com/article/us-vietnam-china-southchinesea/vietnam-confirms-china-ship-leaves-its-waters-ending-month-long-standoff-idUSKCNIUY0YS?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%202008.08.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Russia's military drone makes successful maiden flight

[https://www.militarytimes.com/news/pentagon-congress/2019/08/07/russias-military-drone-makes-successful-maiden-flight/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%202008.08.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/pentagon-congress/2019/08/07/russias-military-drone-makes-successful-maiden-flight/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%202008.08.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Next phase of Canadian special forces aircraft project to begin soon

<https://ottawacitizen.com/news/national/defence-watch/next-phase-of-canadian-special-forces-aircraft-project-soon-to-begin>



America's Pacific Island Allies

[https://www.rand.org/pubs/research\\_reports/RR2973.html?utm\\_source=WhatCountsEmail&utm\\_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm\\_campaign=AEM:631600804](https://www.rand.org/pubs/research_reports/RR2973.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804)



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

### **#artificial intelligence**

German authorities turn to AI to combat child pornography online

<https://www.dw.com/en/germany-new-ai-microsoft-combat-child-porn/a-49899882>

### **#China**

Another Chinese Defence White Paper: What Impact on the UK?

<https://rusi.org/commentary/another-chinese-defence-white-paper-what-impact-uk>

What impact on Canada?

### **#drones**

Boeing new laser gun proves its ability to counter UAS threats

[https://www.armyrecognition.com/weapons\\_defence\\_industry\\_military\\_technology\\_uk/boeing\\_new\\_laser\\_gun\\_proves\\_its\\_ability\\_to\\_counter\\_uas\\_threats.html](https://www.armyrecognition.com/weapons_defence_industry_military_technology_uk/boeing_new_laser_gun_proves_its_ability_to_counter_uas_threats.html)

### **#grand strategy**

As One Door Closes...

<https://thewarrantofficer.org/2019/08/03/as-one-door-closes/>

### **#hybrid warfare**

The Surkov Leaks: The Inner Workings of Russia’s Hybrid War in Ukraine

<https://rusi.org/publication/occasional-papers/surkov-leaks-inner-workings-russias-hybrid-war-ukraine>

(UK) Army to form new hybrid-warfare division

<https://www.independent.co.uk/news/uk/home-news/uk-army-hybrid-warfare-division-conflict-intelligence-cyber-a9030281.html>

### **#information operations**

Computational Propaganda

<https://www.oii.ox.ac.uk/research/projects/computational-propaganda/>

“Computational propaganda leverages social media to rapidly spread information supportive of a particular ideology. Phil Howard, professor and leader of Oxford’ Internet Institute’s Computational Propaganda Project, defines computational propaganda as ‘the use of information and communication technologies to manipulate perceptions, affect cognition, and influence behavior.’”

Think ‘social bots’ and the upcoming Canadian election.

### **#poliwar**

Ben Lorica @bigdata Jul 31 tweeted: “It is really unique to the #Philippines. We haven’t seen so many other countries that are using live moderators to battle it out. This idea of the troll versus the troll, it is quite new.” @sbradshaww #disinformation

(Why crafty Internet trolls in the Philippines may be coming to a website near you

[https://www.washingtonpost.com/world/asia\\_pacific/why-crafty-internet-trolls-in-the-philippines-may-be-coming-to-a-website-near-you/2019/07/25/c5d42ee2-5c53-11e9-98d4-844088d135f2\\_story.html?utm\\_term=.a6a24f1813f0](https://www.washingtonpost.com/world/asia_pacific/why-crafty-internet-trolls-in-the-philippines-may-be-coming-to-a-website-near-you/2019/07/25/c5d42ee2-5c53-11e9-98d4-844088d135f2_story.html?utm_term=.a6a24f1813f0))

“White troll farms”

The Coming Automation of Propaganda

<https://warontherocks.com/2019/08/the-coming-automation-of-propaganda/>

"The first vulnerability is a lack of public awareness or skepticism towards content that users view online."

Ditto Canada as we head into a political season.

## **#leadership**

Why Should I Trust the New Lt? What Platoon Commanders Need to Do to Be Trusted by Their Chain of Command

<https://thearmyleader.co.uk/trust-platoon-commander/>

Important Lessons from an Outgoing Commander

<https://fromthegreennotebook.com/2019/08/06/important-lessons-from-an-outgoing-commander/>

## **#machine learning**

Machine Learning Algorithms and Police Decision-Making: Legal, Ethical and Regulatory Challenges

<https://rusi.org/publication/whitehall-reports/machine-learning-algorithms-and-police-decision-making-legal-ethical>

## **#NATO**

After Crimea: Does NATO have the means to defend Europe?

[https://www.ecfr.eu/article/commentary\\_after\\_crimea\\_does\\_nato\\_have\\_the\\_means\\_to\\_defend\\_europe](https://www.ecfr.eu/article/commentary_after_crimea_does_nato_have_the_means_to_defend_europe)

## **#space**

UK Ministry of Defence Announces Ambitious Plans for Space

<https://rusi.org/commentary/uk-ministry-defence-announces-ambitious-plans-space>

## **#NATO**

The next cybersecurity concern for NATO? Space

<https://www.fifthdomain.com/international/2019/07/30/the-next-cybersecurity-concern-for-nato-space/>

The Continued Evolution Of Space Effects And Capabilities Within NATO Trident Exercises

[http://www.jwc.nato.int/images/stories/\\_news\\_items\\_/2019/three-swords/NATOSpaceSupport2019.pdf](http://www.jwc.nato.int/images/stories/_news_items_/2019/three-swords/NATOSpaceSupport2019.pdf)

## **#strategy**

The Future of Conflict is Proxy Warfare, Again

<https://www.defenseone.com/ideas/2019/07/future-conflict-proxy-warfare-again/158697/>

## **#terrorism**

The Global Research Network on Terrorism and Technology

<https://rusi.org/projects/global-research-network-terrorism-and-technology>

Social Media and Terrorist Financing: What are the Vulnerabilities and How Could Public and Private

Sectors Collaborate Better?

<https://rusi.org/publication/other-publications/social-media-and-terrorist-financing-what-are-vulnerabilities-and-how>

The International Cyber Terrorism Regulation Project

<https://rusi.org/publication/other-publications/international-cyber-terrorism-regulation-project>

## **#weapons**

The Pentagon's getting closer to fielding talking lasers

<https://thebulletin.org/2019/07/the-pentagons-getting-closer-to-fielding-talking-lasers/>

For defense industry giants, there's plenty of room in the hypersonic arena

<https://www.defensenews.com/digital-show-dailies/smd/2019/08/05/for-defense-industry-giants-theres-plenty-of-room-in-the-hypersonic-arena/>

Of note in this article is the picture with the caption "tested for the first time in March 2018 a partially 3D-printed warhead meant for hypersonic applications..." 3D-printed warhead!

## **Other:**

Army Halts Plans to Scuttle Its Fleet of Watercraft

<https://www.military.com/daily-news/2019/08/03/army-halts-plans-scuttle-its-fleet-watercraft.html>

Hmm, maybe Canada can pick up a vessel or two at a good price. Logistics vessels are always useful, and maybe Asterix could use a couple of LCM.

At one time the US Army had more ships than the US Navy.

At one time the Canadian Army had ships. (Okay, just for moving troops around coastal defence installations.)