



## Royal United Services Institute of Nova Scotia Dispatches

31 May 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).

### Defence Policy Initiative Monitoring

The RUSI(NS) Security Affairs Committee is monitoring progress of the government towards the 111 initiatives listed in the Canadian Defence Policy "Strong, Secure, Engaged" (SSE). Questions on SSE initiatives are being posed to CAF and DND staff, and articles and news releases are being reviewed for their reporting on initiatives. A monitoring document has been posted on the RUSI(NS) website at <https://rusi-ns.ca/category/publications/defence-policy/>.

Anyone (member or not of the Institute) who is interested in participating in this project, or who can assist and has information that can be added to the monitoring record, please contact Murray Lee, chair SAC, or email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

### 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.

**19 June**, Wednesday - Distinguished Speaker Dr Garry Heard, Leader, Underwater Surveillance and Communications, Defence R & D Canada - Atlantic, on Defence Research & Development in the Arctic. 1130-1330. Royal Artillery Park Officers' Mess.

**July** Distinguished Speaker – our speaker will be from industry, speaking on Defence R&D from the industry perspective. As a result of feedback earlier this year, RUSI(NS) is considering holding the event as a late afternoon BBQ the Royal Artillery Park Officers' Mess. The initial plan Thursday, 18 July, or Friday, 19 July, with a 1600 gather for 1630 start-of-talk. **If you are a RUSI(NS) or ACADA member and would be interested in attending such an event, please email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).** Please

also indicate how many guests you might bring. Your reply is not a commitment but would give planners an indication whether this event could work and how many we would have to plan for. If the numbers look good another email will be sent out seeking commitments.




**Publications:**

RUSI(NS) Information Note “Canadian Armed Forces Domestic Operations,” 12 May 2019  
<https://rusi-ns.ca/domestic-operations/>

RUSI(NS) Information Note “The Canadian Combat Support Brigade,” 8 May 2019  
[https://rusi-ns.ca/canadian\\_combat\\_support\\_brigade/](https://rusi-ns.ca/canadian_combat_support_brigade/)

The Military Institute of Windsor Communiqué, Volume XXXVII, Number 6, June 2019 is available on request to [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

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

<p>Canadian Forces @CanadianForces 24 May tweeted: And they’re off! Only a few months after its arrival, @RCAF_ARC's first interim fighter jet is flying in Canadian colours and has taken to the skies for testing. We will integrate the aircraft into our fleet this summer.  pic.twitter.com/6hzPggX6fF  RUSI(NS) retweeted: "Supplementing the CF-18 fleet"  <a href="https://www.canada.ca/en/departement-national-defence/services/procurement/fighter-jets/supplementing-cf-18-fleet.html">https://www.canada.ca/en/departement-national-defence/services/procurement/fighter-jets/supplementing-cf-18-fleet.html</a> Quad chart with project details:  <a href="https://www.canada.ca/content/dam/dnd-mdn/documents/quad-charts/ifcp-quad-chart-en.pdf">https://www.canada.ca/content/dam/dnd-mdn/documents/quad-charts/ifcp-quad-chart-en.pdf</a> #RCAF #CF188 #FutureFighter</p>	
<p>Aligning artillery courses to common exercises results in better/more cost effective training  <a href="https://canadianarmytoday.com/better-bang-for-a-bullet-artillery-school-aligns-core-exercises-with-courses/">https://canadianarmytoday.com/better-bang-for-a-bullet-artillery-school-aligns-core-exercises-with-courses/</a> Good to see regimental level training - need to retain big conflict capabilities @CanadianArmy  (Better bang for a bullet: Artillery school aligns core exercises with courses)</p>	
<p>RUSI(NS) President Dan Tanner writes "Getting roadside checks — and balances — right"  <a href="https://www.thechronicleherald.ca/opinion/dan-tanner-getting-roadside-checks-and-balances-right-315329/">https://www.thechronicleherald.ca/opinion/dan-tanner-getting-roadside-checks-and-balances-right-315329/</a> "Adding to police powers has the effect of making people safer at the risk of creating a less livable society."</p>	

"Canada's Navy forges ties with Inuit Nunangat"  
<https://www.canada.ca/en/departement-national-defence/news/2019/05/canadas-navy-forges-ties-with-inuit-nunangat.html> #RCNavy "will affiliate each of its six new #Arctic&Offshore Patrol Ships (#AOPS) with regions of Inuit Nunangat"

*See infographic at end of Dispatches. (Note the RCN used the AOPV ship type designation, not the AOPS project title. When acceptance of HDW occurs, we'll see more use of AOPV.)*



USConsulateHalifax @usconshalifax 27 May tweeted: Thank you to everyone who attended our Memorial Day ceremony today. A special thank you to @RCN\_MARLANT and @hfxgov for your support of the service. #MemorialDay2019 #NeverForget pic.twitter.com/EU118pr5c6  
RUSI(NS) retweeted: "Remembering Merchant Mariners" <https://rusi-ns.ca/remembering-merchant-mariners/> "One of the purposes of Deadman's Island is to remember not only those buried at the island but all service members who have given their lives in defence of the United States." #WeRemember



What with wildfires threatening northern CAN communities, #OpNANOOK-TATIGIIT is timely exercise by multi-gov't agencies <http://www.rcinet.ca/eye-on-the-arctic/2019/05/28/yukon-wildfire-forest-fire-haines-junction/>  
OpNA-TA19 to plan/practice community evacuation from simulated wildfire @CFOperations  
(Wildfire near community in northwestern Canada still growing)



Further reporting about #CCG fleet renewal <https://www.thechronicleherald.ca/business/shipping-news-coast-guard-finally-gets-some-love-316518/> Utility of #Arctic&Offshore Patrol Ships #AOPS; replacement of Type 1100 multi-task vessels; design of Mid-Shore Multi-Mission Ships @CoastGuardCAN  
(Coast guard finally gets some love)



Chile to procure CAN🇨🇦 Coyote Light Armoured Vehicles  
<https://www.janes.com/article/88781/chile-set-to-procure-canadian-coyote-lavs-for-marines> "sale of controlled military assets...is subject to applicable policies & legislation"  
<http://www.army-armee.forces.gc.ca/en/news-publications/national-news-details-no-menu.page?doc=outgoing-coyote-lav-to-be-more-than-a-museum-piece/iietdrqv>  
 (Chile set to procure Canadian Coyote LAVs for marines)  
 (Outgoing COYOTE LAV to be more than a museum piece)



RUSI(NS) @RUSI\_NS May 14 tweeted: Helicopter-based #UAS for @CanadianForces <https://defpost.com/qinetiq-wins-c51m-contract-to-supply-ums-skeldar-v-200-unmanned-helicopter-based-istar-solution-to-canadian-armed-forces/>  
 "vertical take-off unmanned aircraft system will provide Intell, Surveillance, Target Acquisition & Reconnaissance svcs to #RCNavy & CAN🇨🇦 Special Operations Forces Command, for both domestic & international ops"  
[pic.twitter.com/I232mN9FM6](https://pic.twitter.com/I232mN9FM6)  
 RUSI(NS) retweeted: SKELDAR V-200 lightweight unmanned helicopter-based unmanned aerial system #UAS #drone for @CanadianForces to be outfitted with active electronically scanned array radar  
<https://ottawacitizen.com/news/national/defence-watch/canadian-military-drones-to-be-outfitted-with-new-radar>  
 Provide all-weather ground mapping & surveillance



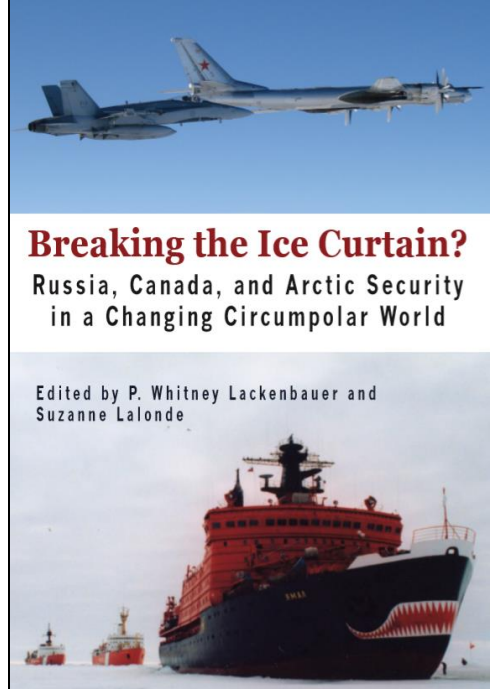
Last of 550 modernized light armoured vehicles (LAV) fielded with @CanadianArmy Regular Force  
<https://canadianarmytoday.com/mobile-lethal-and-better-protected-lessons-from-the-lav/> Infantry section carrier, command post, observation post, engineer & reconnaissance & surveillance variants. No longer LAV III, now 'LAV 6'  
 (Mobile, lethal and better protected: Lessons from the LAV)



Canadian Coast Guard @CoastGuardCAN 29 May tweeted: Tomorrow, we'll be live streaming the Dedication to Service Ceremony of CCGS Captain Molly Kool in St. John's, Newfoundland! 9:30 ET / 11 NT  
<http://facebook.com/CanadianCoastGuard>  
 RUSI(NS) retweeted: RUSI(NS) Information Note "Naming and Dedication of Canadian Coast Guard Ships" <https://rusi-ns.ca/naming-dedication-canadian-coast-guard-ships/>  
 @CoastGuardCAN #CCG



.@CAGlobalAffairs "Breaking the Ice Curtain? Russia, Canada, and Arctic Security in a Changing Circumpolar World" [https://www.cgai.ca/breaking\\_the\\_ice\\_curtain](https://www.cgai.ca/breaking_the_ice_curtain) Circumpolar cooperation or global competition/heightened conflict in #Arctic?



Canadian Coast Guard @CoastGuardCAN 30 May tweeted: What a memorable moment we just had at the Dedication to Service Ceremony of CCGS Captain Molly Kool in #StJohn, #NewfoundlandAndLabrador. It was an honour to welcome her family, including her sister, Martha Miller, who gave us a touching testimony. <http://ow.ly/aVpg30oR5pA> pic.twitter.com/QLer2WAJnZ (Canadian Coast Guard welcomes first Coast Guard icebreaker in 25 years, CCGS Captain Molly Kool) RUSI(NS) retweeted: Similarities between #CCG Dedication to Service & #RCNavy commissioning ceremonies, unsurprising as both are services of the sea (tho @CoastGuardCAN colleagues keep reminding me theirs is the oldest CAN🇨🇦 marine service...)



Foreign Policy CAN @CanadaFP 23 May tweeted and RUSI(NS) retweeted: Canada marks major milestone in defining its continental shelf in Arctic Ocean <http://ow.ly/P2Yb50uo9ZK> <https://www.canada.ca/en/global-affairs/news/2019/05/canada-marks-major-milestone-in-defining-its-continental-shelf-in-arctic-ocean.html>

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

A Critical Enabler for Power Projection: Options for a UK Missile Defence Capability in an Age of Escalation Control <https://rusi.org/publication/occasional-papers/critical-enabler-power-projection-options-uk-missile-defence>

The covering webpage summary (below) could just as easily apply to Canada. Will Canada become involved in ballistic



missile defence? An election issue (even if buried in party platforms)?

"This paper argues that missile defences, far from being a diversion from power projection capabilities, are a critical enabler. Without the capacity to defend against limited calibrated coercive salvos at the strategic level and to effect theatre entry either jointly or independently in the face of A2AD, the UK will not be able to act as a globally engaged power. Current capabilities are not sufficient to achieve both these tasks. It is thus time for the UK to end its historical ambivalence towards missile defence and invest in limited national missile defence capabilities.

See the Standing Senate Committee on National Security and Defence study "Canada and Ballistic Missile Defence: Responding to the evolving threat" at:

<https://sencanada.ca/content/sen/committee/412/secd/rms/01jun14/home-e.htm>.

Could Airships Really Revolutionize the U.S. Navy?

<https://www.popularmechanics.com/military/aviation/a2754605/1/airships-us-navy/>

Airships (and aerostats and related air vehicles) has been an idea played around with in Canada, for maritime survey or Arctic cargo transport or other roles. Hasn't been greatly successful yet, but maybe now the technology is developing which would make airship use, whether manned or drone, viable. Certainly it would be good to keep in touch with US efforts in this field.



Canadian MP: NATO submarines may 'unexpectedly' appear in Black Sea

<https://www.ukrinform.net/rubric-defense/2679886-canadian-mp-nato-submarines-may-unexpectedly-appear-in-black-sea.html>

By publishing a 12 April 2019 article on 24 May 2019 (with no context), it is evident someone has an ulterior motive.

Mr Bezan's staff emailed 15 April: "It's a mistranslation of a panel discussion James took part in the Kyiv Security Forum last week. Here is a link to the original English: [https://m.youtube.com/watch?v=uakRWs\\_HHX0](https://m.youtube.com/watch?v=uakRWs_HHX0). His panel begins at around the 3:18:35 mark. His remarks were with regards to Russian subs entering the Black Sea from the Med and how we need more maritime surveillance. It was poorly translated and picked up as NATO subs should leave the Med and go into the Black Sea."



Louisiana shipyard to convert OSV for new Navy role

<https://www.marinelog.com/news/louisiana-shipyard-to-convert-osv-for-new-navy-role/>

"The ARSV will provide ocean engineering and range support for the launch, recovery and deep ocean mooring installation and maintenance of remote operated vehicles, unmanned underwater vehicles, and autonomous underwater vehicles."

Potential containerized drone base?



Hmm, could we be seeing a drone 'base ship' (preferable term to 'mother ship') in the making? Converted from an offshore supply vessel. This is something Canada readily could do. Hopefully we're serious enough about developing drone use, whether for naval or other government department use (preferably, all departments collaboratively), to be looking at employment at sea. Whilst current and near-future ships (am thinking Harry DeWolf-class Arctic and offshore Patrol Vessels) have potential, a ship specifically designed for operating drones might have advantages. On the other hand, for Canadian purposes, developing a 'drone-base-in-a-box' through containerizing the capability, and embarking the containers aboard AOPV, may well work for us.

US Navy's last champion class tanker completes final mission

<https://navaltoday.com/2019/05/24/us-navys-last-champion-class-tanker-completes-final-mission/>

"As an ice class oil tanker USNS Lawrence H. Gianella has performed numerous Arctic and Antarctic resupply missions since the mid-1980s."



Development of the Canadian North, in support of our sovereignty, necessitates a robust transportation infrastructure of ports, airports and transportation routes, with the ships and aircraft to use them. Whilst it is best that Canada have her own ice class oil tankers (how many if any do we have?), it is preferably that our allies and not our adversaries have the ships to back us up. Hopefully the US will ensure that its Military Sealift Command fleet includes enough of such ships. The state of their Coast Guard icebreaker fleet, leading to a recent and necessary scramble to recapitalize that fleet, is not a good portent.

The Bellingcat lessons: Counter Intelligence for Social Media

<https://wavelroom.com/2019/03/21/bellingcat-lessons-counter-intelligence-for-social-media/>



"The (insert your military service here) therefore needs to defend against the threats of social media with a nuanced approach that is both technical and cultural."  
"This technical defence is the realm of Specialist Counter Intelligence who can conduct vulnerability studies – for individuals up to operations."

"The cultural defence is where we encourage ourselves to question what information we are releasing."

Why China is not celebrating the unexpected Australian election result

<https://www.cnn.com/2019/05/20/opinions/china-not-celebrating-australian-election-intl/index.html>



The surprise election of Prime Minister Morrison's coalition government will not please China according to CNN. Essentially the prior coalition government had passed anti-foreign influence and the election spending laws in 2017 that all knew were aimed at China and then banned Huawei from future Australian 5G networks. They had also critiqued the Belt and Road project and spoken out against Chinese South China Sea activities. There was a sense that the losing Labour Party would have been more willing to work with China to overcome these setbacks.

Australia's China Challenge

<https://www.nytimes.com/2019/05/20/world/australia/australia-china.html>,

Damien Cave, NY Times, 20 May 2019

Much as Canada experienced after the arrest of Meng Wanzhou, China took highly suspect trade actions to punish Australia after their Huawei decision and their passing of foreign interference laws. The New York Times reported: "In June, Australian winemakers said they were facing problems with their exports to China, and a major deal to expand chilled beef exports into China — negotiated during Mr. Li's visit — stalled. In January and February, China also delayed coal imports from Australia at some ports.

The China challenge was not the deciding element in the Australian election campaign. However, there is a lesson for Canada in that the Australian people supported the party most ready to stand up to China even at the potential cost of some lost trade.

Chisholm elects first female Chinese-Australian MP but historic win leaves a community divided

<https://www.abc.net.au/news/2019-05-21/australia-elects-first-chinese-australian-female-mp-lower-house/11126624>

Stephen Dziedzic, ABC news 21 May 2019

The Australian election provided other good news for those concerned with Chinese political influence. There had been considerable efforts by the Chinese government to influence Australian-Chinese and many analysts were concerned that the coalition candidate, Gladys Liu, would suffer for her party's hawkish stance against China. However, she won and those watching the riding reported Australian-Chinese were focused on "issues closer to home."

Connecting the dots on defence research in Canada

<https://www.opencanada.org/features/connecting-the-dots-on-defence-research/>



Launch of " a new network of experts across the country who will be working together on events and



publications over the next several years."

RUSI(NS) has established contact with the new Canadian Defence and Security Network as the organization's aim parallels that of RUSI(NS).

Future-proofing Navy and securing shipbuilding jobs

<https://www.defenceconnect.com.au/maritime-antisub/4126-future-proofing-navy-and-securing-shipbuilding-jobs>



Seems, not surprisingly, there are parallels between the naval shipbuilding situation and concerns in Australia and in Canada. Lessons that may be learned from that country and their navy. There is an advantage to larger 'block builds.' In that thought, Canada building 15 surface combatants (likely to be typed as frigates), even though three will be command and control/air defence variants, is a good move. If need be and funds available, more ships could be added, though there comes a point where missing dates for ordering long-lead items can get prohibitively expensive.

The article notes the 'rule of thirds.' "The 'rule of thirds' outlines that one third of the total military forces involved should be available for operations, one-third should be preparing for operations and the final third, having been on operations, should be recuperating – ideally with units and individuals that regularly will rotate through each of the three phases." Good general rule of thumb. However, a senior Royal Canadian Navy officer recently opined that a 1:4 ratio may be a better rule these days what with the complexities of technology in modern ships. Certainly Canada as a three-ocean country and global engagement may find that more ships are needed, maybe not with 15 frigates but possibly than only four submarines and certainly than only one (leased) replenishment oiler now and two (owned) later.

**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's Afghan fallen don't even rate a press release - why the secrecy on the Kandahar memorial ceremony?

<https://ottawacitizen.com/news/national/defence-watch/canadas-afghan-fallen-dont-even-rate-a-press-release-why-the-secrecy-on-the-kandahar-memorial-ceremony>



Gen. Jon Vance apologizes for Afghan memorial fiasco – here is his statement

<https://ottawacitizen.com/news/national/defence-watch/gen-jon-vance-apologizes-for-afghan-memorial-fiasco-here-is-his-statement>



Canadian military has bigger problems beyond the curse of sexual misconduct

<https://www.capebretonpost.com/opinion/columnists/christie-blatchford-canadian-military-has-bigger-problems-beyond-the-curse-of-sexual-misconduct-314771/>



DAN TANNER: Getting roadside checks — and balances — right

<https://www.thechronicleherald.ca/opinion/dan-tanner-getting-roadside-checks-and-balances-right-315329/>



The Middle East in 2019 Plus ça change...or worse

[https://www.cgai.ca/the\\_middle\\_east\\_in\\_2019\\_plus\\_ca\\_change\\_or\\_worse?utm](https://www.cgai.ca/the_middle_east_in_2019_plus_ca_change_or_worse?utm)



The Sub-Optimal Effect of Decreasing Military Capability – A Canadian Study

[https://www.cgai.ca/the\\_sub\\_optimal\\_effect\\_of\\_decreasing\\_military\\_capability\\_a\\_canadian\\_study?utm\\_campaign=24\\_05\\_19roundup&utm\\_medium=email&utm\\_source=cdfai](https://www.cgai.ca/the_sub_optimal_effect_of_decreasing_military_capability_a_canadian_study?utm_campaign=24_05_19roundup&utm_medium=email&utm_source=cdfai)



*Strong, Secure, Engaged: A Two-Year Review*

[https://www.cgai.ca/strong\\_secure\\_engaged\\_a\\_two\\_year\\_review?utm\\_campaign=24\\_05\\_19roundup&utm\\_medium=email&utm\\_source=cdfai](https://www.cgai.ca/strong_secure_engaged_a_two_year_review?utm_campaign=24_05_19roundup&utm_medium=email&utm_source=cdfai)



RCAF Cyclone helicopter to be on display at CANSEC 2019 at the E.Y. Centre

<https://ottawacitizen.com/news/national/defence-watch/rcf-cyclone-helicopter-to-be-on-display-at-cansec-2019-at-the-e-y-centre>



Bid to get D-Day beaches added to list of UN World Heritage Sites in limbo

<https://lethbridgenewsnow.com/2019/05/26/bid-to-get-d-day-beaches-added-to-list-of-un-world-heritage-sites-in-limbo/>



Russia, eyeing Arctic future, launches nuclear-powered icebreaker

<https://www.cbc.ca/news/world/russia-arctic-icebreaker-1.5149976>



Defence Watch podcast: Behind the curtain of Canada's special forces

<https://ottawacitizen.com/news/national/defence-watch/defence-watch-podcast-behind-the-curtain-of-canadas-special-forces>



Canada makes competing claim to North Pole against Russia, Denmark

<https://www.cbc.ca/news/somniia-1.5151432>



NATO Getting More Aggressive on Offensive Cyber

[https://www.defenseone.com/technology/2019/05/nato-getting-more-aggressive-offensive-cyber/157270/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/technology/2019/05/nato-getting-more-aggressive-offensive-cyber/157270/?oref=defenseone_today_nl)



About 1,000 US troops will head to Mideast as tensions with Iran grow

[https://www.militarytimes.com/news/your-military/2019/05/24/about-1000-us-troops-will-head-to-mideast-as-tensions-with-iran-grow/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2005.28.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/your-military/2019/05/24/about-1000-us-troops-will-head-to-mideast-as-tensions-with-iran-grow/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2005.28.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Normandy tries to keep alive 'infinite gratitude' for D-Day

[https://www.apnews.com/af6e70e2d1594b0c97706177e7e79923?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2005.28.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.apnews.com/af6e70e2d1594b0c97706177e7e79923?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2005.28.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Anatomy of a Buy: The Four Dimensions of Procuring a Future Fighter for Canada

[https://www.cgai.ca/anatomy\\_of\\_a\\_buy\\_the\\_four\\_dimensions\\_of\\_procuring\\_a\\_future\\_fighter\\_for\\_canada?utm\\_campaign=stephenson\\_futurefighterpaper&utm\\_medium=email&utm\\_source=cdfai](https://www.cgai.ca/anatomy_of_a_buy_the_four_dimensions_of_procuring_a_future_fighter_for_canada?utm_campaign=stephenson_futurefighterpaper&utm_medium=email&utm_source=cdfai)



Under Skyborg program, F-35 and F-15EX jets could control drone sidekicks

<https://www.defensenews.com/air/2019/05/22/under-skyborg-program-f-35-and-f-15ex-jets-could-control-drone-sidekicks/>



Canadians should be outraged by the Liberals' fighter jet debacle: Richard Shimooka in the National Post

<https://www.macdonaldlaurier.ca/canadians-outraged-liberals-fighter-jet-debacle-richard-shimooka-national-post/>



How ISIS Still Threatens Iraq

<https://foreignpolicy.com/2019/05/28/how-isis-still-threatens-iraq/>



Turkey and Russia are Bitter Frenemies

<https://foreignpolicy.com/2019/05/28/turkey-and-russia-are-bitter-frenemies/>



Britain's Royal Air Force tests miniature missile decoys on Typhoon jets

<https://www.upi.com/Defense-News/2019/05/28/Britains-Royal-Air-Force-tests-miniature-missile-decoys-on-Typhoon-jets/6361559057037/>



Aussie navy pilots hit by Chinese lasers

[https://www.navytimes.com/news/your-navy/2019/05/28/aussie-navy-pilots-hit-by-chinese-lasers/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2005.29.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.navytimes.com/news/your-navy/2019/05/28/aussie-navy-pilots-hit-by-chinese-lasers/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2005.29.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



In pursuit of \$19B contract, Sweden's Saab offers to build fleet of fighter jets in Canada

<https://ottawacitizen.com/news/in-pursuit-of-19b-contract-swedens-saab-offers-to-build-fleet-of-fighter-jets-in-canada/wcm/aab9c355-2b4b-49b5-80fe-9bb3dc364667>



The latest on new defence contracts and CANSEC 2019

<https://ottawacitizen.com/news/national/defence-watch/the-latest-on-new-defence-contracts-and-cansec-2019-2>



CANSEC 2019 news - Canadian military drones to be outfitted with new radar

<https://ottawacitizen.com/news/national/defence-watch/canadian-military-drones-to-be-outfitted-with-new-radar>



Looser procurement rules for F-35 fighter jets will hurt Canada, rival companies say

<https://globalnews.ca/news/5331846/f35-fighter-jet-procurement-canada/>



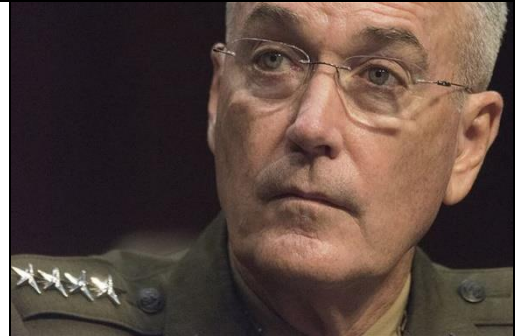
Russia 'probably' not adhering to nuke test ban, DIA director says

[https://www.militarytimes.com/news/pentagon-congress/2019/05/30/russia-probably-not-adhering-to-nuke-test-ban-dia-director-says/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%2005.30.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/pentagon-congress/2019/05/30/russia-probably-not-adhering-to-nuke-test-ban-dia-director-says/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2005.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



There are real reasons to be wary of Iran, Joint Chiefs chairman says

[https://www.militarytimes.com/news/your-military/2019/05/29/there-are-real-reasons-to-be-wary-of-iran-joint-chiefs-chairman-says/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%2005.30.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/your-military/2019/05/29/there-are-real-reasons-to-be-wary-of-iran-joint-chiefs-chairman-says/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2005.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Pentagon fears China's growth in Middle East arms market

[https://www.al-monitor.com/pulse/originals/2019/05/pentagon-china-weapons-growth-middle-east-arms-market.html?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%2005.30.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.al-monitor.com/pulse/originals/2019/05/pentagon-china-weapons-growth-middle-east-arms-market.html?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2005.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Lockheed: We Could Easily Sell Turkey's F-35s to Other Customers

[https://www.defenseone.com/politics/2019/05/lockheed-preps-give-turkish-f-35s-other-customers/157326/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/politics/2019/05/lockheed-preps-give-turkish-f-35s-other-customers/157326/?oref=defenseone_today_nl)



Tender to replace aging fighter jets will be out this summer: Sajjan

<https://www.cbc.ca/news/politics/fighter-jets-sajjan-july-1.5153959>



### Other Sources:

#### #Arctic #Russia

Russia's Arctic Expansion

<http://www.understandingwar.org/backgrounder/russias-arctic-expansion>

#### #artificial intelligence #drones

AI and autonomous systems are urgent priorities for today's defence force

<https://www.aspistrategist.org.au/ai-and-autonomous-systems-are-urgent-priorities-for-todays-defence-force/>

#### #cyber operations

Deterrence in Cyber, Cyber in Deterrence

<https://thestrategybridge.org/the-bridge/2019/5/27/deterrence-in-cyber-cyber-in-deterrence>

### **#police surveillance**

Open Letter to GCHQ on the Threats Posed by the Ghost Proposal

<https://www.lawfareblog.com/open-letter-gchq-threats-posed-ghost-proposal>

### **#drones**

(EU) Drone users

<https://epthinktank.eu/2019/03/24/drone-users-what-europe-does-for-you/>

### **#future fighter**

What's so good about the F-35 anyway?

<https://ukdefencejournal.org.uk/whats-so-good-about-the-f-35-anyway/>

### **#information operations**

How Russia's disinformation strategy is evolving

<https://www.poynter.org/fact-checking/2019/how-russias-disinformation-strategy-is-evolving/>

How a suspected Iran-based campaign tried to get Canadian media to spread fake news

<https://www.cbc.ca/news/somnia-1.5143913>

"Dubbed Endless Mayfly, the campaign relied on short-lived fake news stories that disappeared after being propagated by unwitting targets."

*and report:*

Burned After Reading - Endless Mayfly's Ephemeral Disinformation Campaign

<https://citizenlab.ca/2019/05/burned-after-reading-endless-mayflys-ephemeral-disinformation-campaign/>

Artificial intelligence, data protection and elections

<https://epthinktank.eu/2019/05/21/artificial-intelligence-data-protection-and-elections/>

EU, yes, but Canada has elections coming up, too.

The challenges of regulating disinformation with artificial intelligence

<https://epthinktank.eu/2019/05/03/the-challenges-of-regulating-disinformation-with-artificial-intelligence/>

### **#military justice**

Military justice reform bill 'has the potential' to die on the order paper: Sajjan

<https://ipolitics.ca/2019/05/27/military-justice-reform-bill-has-the-potential-to-die-on-the-order-paper-sajjan/>

### **#media operations**

RFP – Target Audience Analysis (TAA) Methodology Training

<https://buyandsell.gc.ca/procurement-data/tender-notice/PW-19-00876027>

"...a capability...to support Joint Targeting (non-munitions), Information Operations and Strategic Communication as part of its initiative to operationalize the Public Affairs Branch."

'Call their bluff': Shut down social media platforms, ex-Facebook adviser urges

<https://www.cbc.ca/news/politics/facebook-grand-committee-tuesday-1.5152436>

"Data is not the new oil – it's the new plutonium: amazingly powerful, dangerous when it spreads, difficult to clean up and with serious consequences when improperly used."



Defenders of media freedom in accession countries

<https://epthinktank.eu/2019/03/30/defenders-of-media-freedom-in-accession-countries-what-europe-does-for-you/>

### #naval weapons

Report on Navy Laser, Railgun and Gun-Launched Guided Projectiles

<https://news.usni.org/2019/05/21/report-on-navy-laser-railgun-and-gun-launched-guided-projectiles>

### #Royal Canadian Navy #research

Guide to Sources Relating to Canadian Naval Vessels

<http://www.bac-lac.gc.ca/eng/discover/military-heritage/pages/guide-sources-canadian-naval-vessels.aspx>

Also includes: barges, Fishermen's Reserve, gate vessels, harbour craft, lighters, scows, trawlers, tugs and yard craft.

### Other:

STRATCOMCOE

@STRATCOMCOE 24 May

tweeted: Based on the experiences studied in "Protecting Elections: A StratCom Perspective", a checklist for governments in their election security preparations focusing on exploring the StratCom perspective can be summarised as follows:

<https://twitter.com/STRATCOMCOE/status/1131905440432951296>

1. Conduct comprehensive threat analysis and set your priorities;
2. Focus on resilience building according to the threat analysis;
3. Consider deterrence factors;
4. Establish coordination and cooperation mechanisms;
5. Establish early warning and detection mechanisms;
6. Invest in education and training;
7. Establish strategic communications framework - from deterrence to crisis communication.

### Statement from the Chief of the Defence Staff - Afghanistan Memorial Hall

May 24, 2019 – Ottawa – National Defence / Canadian Armed Forces

General Jonathan Vance, the Chief of the Defence Staff, made the following statement:

“To our beloved Memorial Cross Families, our honoured Veterans and all Canadians,

“The best of intentions have led to unintended harm. When it comes to the opening last week of the Afghanistan Memorial Hall at the new National Defence Headquarters, we unintentionally went down that path. We owe the family and friends of our Fallen, all who served in Afghanistan, and Canadians an apology for not properly including you and not properly communicating with you. I am truly sorry for our insensitivity and the pain, anger and frustration that this decision caused you. I accept full responsibility for it all.

“You also deserve an explanation, and a changed approach.

“When the monument, once known as the Kandahar Airfield (KAF) Cenotaph, needed a permanent home,

we considered several options, but ultimately decided to have it reside within the Headquarters lines on our new campus at Carling. Our concern was to keep the monument accessible, but also safe from the elements and vandalism, so we decided to protect it within our base in a space custom-designed to house it in a dignified and peaceful setting, where people could pay their respects. We wanted to honour the Fallen – Canadian, U.S., military and civilian – by protecting this legacy of theirs carved in stone. In our Headquarters, it will serve as a daily reminder to us of the true, and ongoing, cost of war: much like it did on the airfield in Kandahar.

“We also made this decision to install it within the secured zone of the Headquarters in light of plans to create a publicly accessible National Monument to Canada’s Mission in Afghanistan in Ottawa. This new monument will recognize the commitment and sacrifice of Canadian men and women who served in Afghanistan, as well as the support provided to them by Canadians at home. Our colleagues at Veterans Affairs Canada are working with the Department of Canadian Heritage and the National Capital Commission on this important project and we look forward to standing with them, the families of the Fallen, and our Veterans, on the day of its unveiling and dedication.

“Sadly, in trying to do the right thing by getting the Hall opened quickly so people, especially families of the Fallen, could arrange to visit, we alienated and angered these same people. Importantly, we also utterly failed to communicate the intent to hold an inclusive event in the future, following the opening of the Hall, to properly dedicate the Memorial. To each and to all, we offer our deepest apologies, and ask for forgiveness. We will be seeking input from the families of the Fallen on how best to conduct the dedication.

“More importantly, an apology is meaningless unless the wrong it seeks to address is mitigated, and this is how we will make things right:

“The Afghanistan Memorial Hall will become accessible to all who come and wish to see it. All members of the Canadian Armed Forces and their families can see it whenever they want by presenting their military identification card for access. While we must balance security and access, know that we have already established a system for personal escorted access to the memorial for the families of the Fallen. Indeed, several families have already reached out to us via the email address established for them: [AfghanistanMemorial@forces.gc.ca](mailto:AfghanistanMemorial@forces.gc.ca).

“We are now coordinating their visits. Families and Veterans may also attend the Headquarters, and they will be immediately escorted for a visit. Details for timing will be forthcoming on a website to be launched shortly.

“In the coming month, we will begin providing continuous scheduled visit-opportunities to all who wish to visit, and we encourage you to do so. This letter will be sent by email or courier to known addresses of the families of the Fallen. Any family members of our Fallen, military or civilian, who would like to confirm their contact information are invited to contact us at: [VisitorAfghanMemorial-visiteurmemorialAfghan@forces.gc.ca](mailto:VisitorAfghanMemorial-visiteurmemorialAfghan@forces.gc.ca)

“Canadians entrust us with their security and defence. Families of our Fallen and our Veterans entrust us with the honour of remembrance. Both are our sworn duty. We are a visible symbol around the world of what this great nation represents, and we constantly strive to be worthy of the support you give us, and we must return that support with professionalism in all we strive to do. That remains our pledge to you.

“Lest we forget.”

## Information Operations

The following is from “The Fake Newsletter,” and has been included because it highlights the terms ‘shallowfakes’ and ‘cheapfakes.’ Gotta know the public information war language!

Last week, a series of misleading, altered videos claiming to show House Speaker Nancy Pelosi slurring her speech spread across mainstream social media channels. One video, which was selectively edited to highlight stumbles in Pelosi’s speech, was tweeted by United States President Donald Trump along with commentary from Fox News questioning Pelosi’s health. Other videos questioned the Speaker’s sobriety.

The videos are what researchers call shallowfakes or cheapfakes — manipulated content that’s not especially high tech but can still be damaging.



# ARCTIC & OFFSHORE PATROL VESSEL NORTHERN AFFILIATION

## Forging ahead: HMCS *Harry DeWolf* and the communities of Qikiqtaaluk



**QIKIQTAALUK COMMUNITIES:**

- Arctic Bay
- Cape Dorset
- Clyde River
- Grise Fjord
- Hall Beach
- Igloolik
- Iqaluit
- Kimmirut
- Pangnirtung
- Pond Inlet
- Qikiqtarjuaq
- Resolute Bay
- Sanikiluaq



“Whoever endures, conquers”



### WHAT IS IT?

- Affiliation associates ships and crews with communities in the North
- Affiliation cultivates a deep relationship between communities and crew for the life of the ship
- Affiliation instills pride wherever the ship operates

### HOW DOES IT WORK?

The ship’s crew form a flexible, inclusive relationship working together through the communities, engaging:

- Youth groups
- Local leaders
- Community members

### WHAT CAN WE DO?

Affiliation connects the community with the ship in any number of ways:

- Community events
- Cultural interactions
- Inuit and naval histories
- An exchange of ideas, knowledge & experience
- Environmental awareness
- Mutual interests
- Gaining knowledge from each others’ rich heritage

### WHEN DOES IT START?

- Start developing relationships NOW
- Ship launched September 2018

### HMCS *Harry DeWolf*

**ARCTIC OFFSHORE PATROL VESSEL (AOPV) CAPABILITIES:**

Ice-Capable, Length 103 metres, 65 Crew, Multi-role rescue boats, Helicopter detachment, able to transport pickup trucks, ATVs and snowmobiles.



Commanding Officer  
Corey Gleason



Executive Officer  
Scott Meagher



Coxswain  
Jamie Haas

## “A Relationship Founded on Mutual Respect”