



Royal United Services Institute of Nova Scotia Dispatches

10 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. If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO.

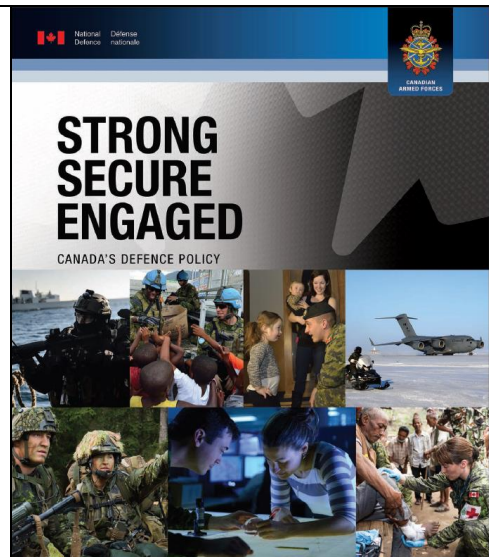
Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). Feedback is welcome anytime. Any comment in *Dispatches* is the sole opinion of the author and does not necessarily represent the views 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.

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.



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.

23 May, Thursday - the NS branch of the Naval Association of Canada invites members of RUSI(NS) and their spouses to the NS NAC Spring Lunch (Battle of the Atlantic Commemoration). 1230 hrs. Tom's Family Restaurant, 585 Sackville Drive, Lower Sackville, 902-252-8667 (<https://www.tomsfamilyrestaurant.ca/>). This is a no host event. Please email Don Uhrich

(dguhrich@eastlink.ca) or phone him at 902-407-2352 if you plan to attend, and the number of guests in your party. Also please cc Bob Lancashire (casalanc@eastlink.ca) in your email to Don.

23 May, Thursday - Halifax Military Heritage Preservation Society presentation and public consultation on what is to become of the Halifax Memorial Library. RSVP rsvp@hnhps.ca by 17 May. See poster at end of *Dispatches*.

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 hours. Royal Artillery Park Officers' Mess.

24 June, Monday - momomdays Halifax and Society of Atlantic Heroes show "Increasing Latent Stress Capacity to Generate Post-Traumatic Growth." 0800-1500. ScotiaBank Stage, 1593 Argyle Street, Halifax. RUSI(NS) members JM Blais and Ken Hoffer are closely involved in this worthy effort.

Courses and Lecture:

RUSI(NS) member Dr Ian MacVicar is offering a new intelligence studies course at the Seniors College Association of Nova Scotia (SCANS). His new course is entitled SpySchool 301 – “The Psychology of Intelligence Analysis.” The course runs Tuesdays from 1300 to 1500 hrs at the Maritime Conservatory of the Performing Arts located at 6199 Chebucto Road, Halifax from 23 May through 4 June 2019. Details at: <https://www.thescans.org/courses-spring-2019.html> (see course #3). Note that this course is full, but your name may be taken for a waiting list, and that the course may be conducted again in fall 2019 depending on interest.

RUSI(NS) member Dr Ian MacVicar is delivering a lecture entitled “What Do We Do About the Camp Followers” concerning the risks and opportunities in repatriating the families of ISIS members to their nations of origin at the 12th Spatial Socio-Cultural Knowledge Workshop - Cranfield University, on 12 June 2019. Details are found at: <https://www.cranfield.ac.uk/events/symposia/sskw> (click on Programme). Ian would welcome any reasoned comments for possible incorporation in his presentation.

Publications:

RUSI(NS) Information Note “The Canadian Combat Support Brigade,” 8 May 2019
https://rusi-ns.ca/canadian_combat_support_brigade/

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 05 May 2019 is available on request to RUSINovaScotia@gmail.com.

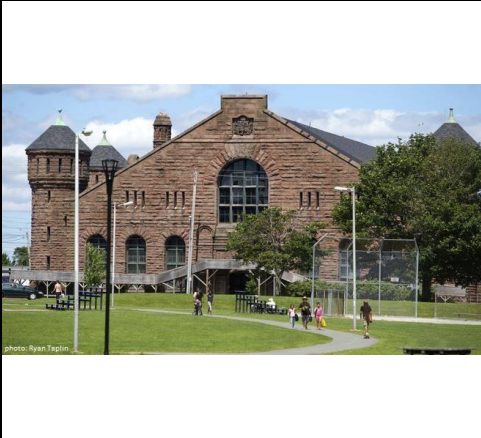

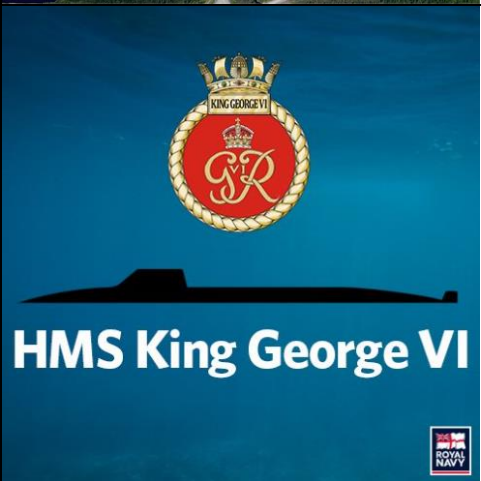

The Military Institute of Windsor Communiqué Volume XXXVII Number 5 May 2019 is available on request to RUSINovaScotia@gmail.com.

RUSI(NS) Comments "The RCAF Needs a Quick Ending to the Search for a New Fighter," by Murray Lee, 22 April 2019
<https://rusi-ns.ca/the-rcaf-needs-a-quick-ending-to-the-search-for-a-new-fighter/>

RUSI(NS) Information Note “RCAF Squadron Numbers,” by Murray Lee, 10 April 2019
<https://rusi-ns.ca/rcaf-squadron-numbers/>

RUSI(NS) Defence Policy Initiative Monitor “Remotely Piloted Aircraft Systems,” 10 April 2019
<https://rusi-ns.ca/remotely-piloted-aircraft-systems/>

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.

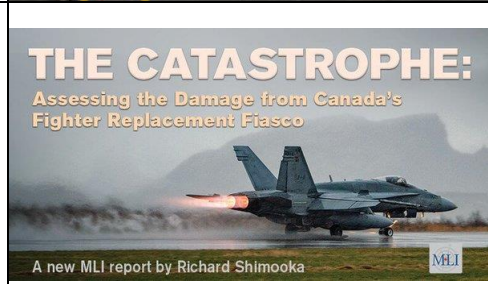
<p>Canadian Forces @CanadianForces 2 May tweeted: Major work is ongoing at the #Halifax Armouries to preserve our heritage, while improving functionality and energy efficiency. #StrongSecureEngaged http://ow.ly/GXyk30oCu32 pic.twitter.com/sraYbz2Nme (Government marks wall reconstruction at North Park Armoury https://www.canada.ca/en/department-national-defence/news/2019/05/government-marks-wall-reconstruction-at-north-park-armoury.html) RUSI(NS) retweetedL RUSI(NS) "Paper Rehabilitation of the Halifax Armouries" https://rusi-ns.ca/rehabilitation-halifax-armouries/ #Halifax #HfxGov #MightyMaroonMachine @CanadianArmy</p>	
<p>Yes "central international transport hub" "significant more infrastructure investment required" https://www.cbc.ca/news/canada/north/premier-mcleod-to-pitch-ottawa-1.5117709 But maybe multi-fed dept base vice just @CanadianForces. Bravo @NWTPremier for practical ideas for #Arctic strategy (N.W.T. premier will push Ottawa for greater military presence, more icebreakers in the North)</p>	
<p>RUSI(NS) remarks on RCN ship name convention https://www.facebook.com/618819224873298/photos/a.826825104072708/2206751219413416/ Will Canadian Surface Combatants carry same names as famous #RCNavy ships that preceded them? @RCN_MRC is a not a young navy, has history!</p>	
<p>#CanadaRemembers "The Merchant Navy" https://www.veterans.gc.ca/eng/remembrance/history/historical-sheets/merchant 12,000 men & women served in CAN🇨🇦 Merchant Navy, more than 25,000 merchant ship voyages were made during Second World War</p>	

Great to see progress with future #HMCSMargaretBrooke & start of construction of future #HMCSWilliamHall, but how goes the National Shipbuilding Strategy? Is there a shipbuilding gap? When will next NSS (replace subs, small patrol vessels) be announced?

https://www.facebook.com/permalink.php?story_fbid=2208069235948281&id=618819224873298



Macdonald-Laurier Institute @MLInstitute 6 May tweeted and RUSI(NS) retweeted: NEW REPORT: While it is no surprise at this point that Canada's military procurement process is deeply flawed, Richard Shimooka argues that the CF-18 replacement fiasco has been nothing short of a catastrophe. #cdnpoli <https://www.macdonaldlaurier.ca/assessing-damage-canadas-fighter-replacement-fiasco-new-mli-report/> (The Catastrophe: Assessing the Damage from Canada's Fighter Replacement Fiasco)



"Ottawa's planned fighter competition incompatible with F-35 obligations: U.S." <https://nationalpost.com/pmn/news-pmn/canada-news-pmn/ottawas-planned-fighter-competition-incompatible-with-f-35-obligations-u-s> CAN🇨🇦 "plan to hold an open competition to replace its aging (CF188) is incompatible with Canada's obligation as a member of the F-35 stealth-fighter program."



CAN🇨🇦 gov't should create a "strategic communications centre, in partnership with civil society, in order to co-ordinate government efforts, inform the Canadian public & ensure non-partisan communications between all political parties ahead of our election" <https://nationalpost.com/opinion/canada-needs-a-plan-to-deal-with-hostile-cyber-campaigns>



(Canada needs a plan to deal with hostile cyber campaigns)

#Arctic&Offshore Patrol Ships for @CoastGuardCAN to extend National Shipbuilding Strategy <https://nationalpost.com/news/federal-bureaucrats-considering-proposal-to-award-irving-contracts-for-more-arctic-coast-guard-ships> Good move to support industry/regions (major aspect of #NSS) but would #AOPS design be as useful to #CCG as icebreakers or offshore patrol vessels?

(Federal bureaucrats considering proposal to award Irving contracts for more Arctic coast guard ships)



1st of 16 fixed-wing search & rescue #SAR aircraft for #RCAF rolls off #ESP assembly line <https://ml-fd.caf-fac.ca/en/2019/05/28211> Type designated #CC295 (CC-295 publicly). Name to be announced. Initial operating capability 2020
(First CC-295 rolls off assembly line)



Canadian Coast Guard @CoastGuardCAN 7 May tweeted: #Flood2019 update - News from #NewBrunswick: Along with partners, we were proud to assist in flood relief efforts. At the height of the flooding, we deployed over 35 personnel, 7 vessels and 1 helicopter to provide assistance to the #NBflood. #BravoZulu to all. pic.twitter.com/r26zwfS00R
RUSI(NS) retweeted: Assistance to provinces in response to natural emergencies is a whole-of-government (multi-department) effort. Good response based on planning (common comms, logistics), training & exercising. Great to see #CanadianCoastGuard in the field (hmm, even if flooded field...) #OpLENTUS



"Canada's window to defend the #Arctic is closing, MP warns" <https://www.cbc.ca/news/politics/russia-canada-arctic-mckay-1.5086924> "...like to see more resources applied to what has become a security issue for (CAN🇨🇦), primarily driven by fact that climate change has opened up sea lanes." @JTFN_FOIN



Thought-provoking talk 8May19 by Brigadier-General @Jay_Janzen Military Strategic Communications: "Canadian Armed Forces Information in the Grey Zone." There is an #informationWar ongoing. All CAN🇨🇦engaged. @CanadianForces must be prepared to operate, with partners, citizens.



Davie Shipbuilding @chantierdavie 8 May tweeted: A beautiful day pic.twitter.com/nQTkUkgDLe
RUSI(NS) retweeted: Flag is Canadian Forces Auxiliary Vessels Jack, presented to #MVAsterix when welcomed to CAN Fleet March 2018. Normally jack flown by @CanadianForces Auxiliary Vessels, crewed by @NationalDefence civilians. ASTERIX is leased commercial vessel - nice to see her honoured with jack



RUSI(NS) Information Note "The Canadian Combat Support Brigade" https://rusi-ns.ca/canadian_combat_support_brigade/ CCSB "an adaptable and capable formation that is the @CanadianArmy Centre of Excellence for information-based military functions." @5CdnDiv #5DivSoldier #MightyMaroonMachine



Posted on Facebook Royal United Services Institute NS with comments:

Report to Congress on Navy Shipbuilding, Force Structure

<https://news.usni.org/2019/05/02/report-to-congress-on-navy-shipbuilding-force-structure>

"...to increase the service lives of all DDG-51 destroyers to 45 years." A decision like that puts greater pressure on design and maintenance. In the period between the 20th century world wars, 16 years was considered to be the life of a destroyer.

Destroyers have always been driven hard with consequent effect on the ship's condition. Advances in materials and engineering have allowed for longer lives, but mid-life modernizations, to ensure combat capability, cost. Canada's recent Iroquois-class were paid off after 40-45 years, and it showed. What is the design life of the Canadian Surface Combatant?



Start of construction of fourth Arctic and Offshore Patrol Ship marked

<https://www.canada.ca/en/department-national-defence/news/2019/05/minister-sajjan-marks-the-start-of-construction-for-the-fourth-arctic-and-offshore-patrol-ship.html>

'Cutting steel' of future HMCS WILLIAM HALL. Keel laying ceremony to follow in due course.

Irving Shipbuilding article on event at: <http://shipsforcanada.ca/our-stories/minister-sajjan-marks-the-start-of-construction-for-the-fourth-arctic-and-offshore-patrol-ship>



The sub hunters: guarding against undersea threats

NATO video:

<https://www.youtube.com/watch?v=NyxDVq5cFR>

In Exercise Dynamic Manta 2019, held off the coast of Italy this past March, more than 3,000 military from ten NATO countries simulated the hunt for submarines in the central Mediterranean Sea using sea-based, airborne and submarine resources to find the threats.



Ballistic missile submarine becomes first Royal Navy ship to be named after King George VI

<https://navaltoday.com/2019/05/03/ballistic-missile-submarine-becomes-first-royal-navy-ship-to-be-named-after-king-george-vi/>

The announcement of the name of the fifth Royal Navy Dreadnought-class nuclear-powered ballistic missile submarine is occasion for some thoughts about the naming of Royal Canadian Navy (RCN) warships.

With civil ships it is not uncommon that a ship with the same name as some previous ship may also have a (usually Roman) numeral, e.g., Bluenose II.

This is not a RCN naming or writing convention. When a distinction does need to be made, the term "(2nd)" or "(second of name)" or year of being placed in active service, e.g., "(1944)," can be written after a warship's name.

At times it is correct, though, to include a Roman numeral when that is part of the name of the person after whom the warship is named. The name "HMS King George VI" is a case in point. As it has been custom between the RCN and Royal Navy (RN) to avoid using the same name (and the two countries share a sovereign), it has usually been the RN that uses a sovereign's name, at times with a numeral.

The RCN has but a few examples of ship names with numerals, mostly ships that retained their civil name including numeral when taken up for naval service, e.g., ROY II, SUDEROY II.

As is evident in the following tweet, the RN has a good way of announcing names, done by the First Sea Lord, with a nice graphic which includes the ship's badge, and a tweet thread providing history.

First Sea Lord @AdmPhilipJones 2:00 AM - 3 May 2019 tweeted: THREAD: Today I am pleased to announce that the 4th of our future Dreadnought Class ballistic missile submarines will be named HMS King George VI.

<https://twitter.com/AdmPhilipJones/status/1124237178635206656>



Roll Out the Bow

<http://shipfax.blogspot.com/2019/05/roll-out-bow.html>

Blogger Mac Mackay makes some interesting points. "(The Defence Minister) agreed that there have been production delays because a sixth ship was added to the contract. How that explains the delays he did not elaborate." "The minister apparently did refer to the gap between that delivery and the start of the frigate replacement program, when the shipyard will not be able to sustain full employment for some period of time. The sixth vessel was supposed to reduce that gap, but it is by no means clear on how the government plans to 'mitigate' it."



There is information outstanding without which it is difficult to assess how the National Shipbuilding Strategy (NSS) is progressing. A major objective of the NSS is to ensure Canada retains a capable shipbuilding industry, enabled (but not completely) by a robust (not completely continuous?) federal shipbuilding program. It is not evident whether that is being achieved.

On Point: Future-proofing the anti-submarine warfare capabilities of the Hunter

<https://www.defenceconnect.com.au/maritime-antisub/3984-on-point-future-proofing-the-anti-submarine-warfare-capabilities-of-the-hunter>



Since the Australian Hunter-class is based on the British Type 26 as is the Canadian Surface Combatant (CSC), it is useful to keep an eye on what our allies (and, now, partners in the Global Combat Ship Users Group) are thinking and talking about as they develop their version of the ship.

Of course, Canada will be developing anti-air ("Anti-Air Warfare" - AAW) and anti-submarine ("Anti-Submarine Warfare" - ASW) versions of the Type 26. It is understood there will be three of the former and twelve of the latter. In the recent past in the Royal Canadian Navy, the Iroquois-class destroyers, AAW capable, also served as the ships in which a naval task group commander and staff embarked (the ships being called command or flag ships, a modern version of flotilla leaders). It is not known to this writer how many of the CSC will be configured with the extra accommodations, staff work spaces, and combat management and communication systems to serve as leaders.

Federal audit exposes gaps in government emergency planning

<https://www.cbc.ca/news/politics/natural-resources-disaster-emergency-planning-1.5125053>

"audit by Natural Resources...notes a number of gaps and shortcomings that the department needs to address as it deals with an 'increasing frequency of national emergencies.'"



Audit of NRCan's Management Framework for Responsibilities under the Emergency Management Act
<https://www.nrcan.gc.ca/audit/reports/2014/17039>

FrontLine Safety & Security
Military v Civilian Search and Rescue

<https://security.frontline.online/article/2019/1/11570-Military-v-Civilian-Search-and-Rescue>



"..the Arctic is overdue to get additional SAR resources, if only to give the Northern population the same service that 'Southern Canada' has enjoyed for decades."

FrontLine Safety & Security
Is RCMP stretched too thin to combat Organized Crime?

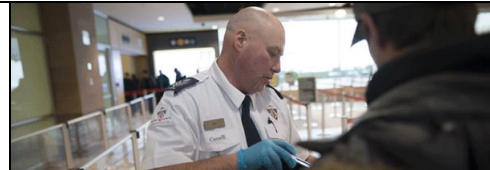
<https://security.frontline.online/article/2019/1/11568-Is-RCMP-stretched-too-thin-to-combat-Organized-Crime>



"the RCMP would be well advised to begin training existing qualified federal officers to meet current challenges now, and to recruit replacement federal officers with STEM (Science, Technology, Engineering and Mathematics) skills."

FrontLine Safety & Security
Security Implications of Budget 2019 and Bill C-97

<https://security.frontline.online/article/2019/1/11565-Security-Implications-of-Budget-2019-and-Bill-C-97>



Two issues:

1. Awareness of spending allocations by government is one of the best ways to anticipate policy priorities and intended operational initiatives. This budget is also unique in that it actually included references to intended legislation that is anticipated to give legislative effect to what the budget has intended as upcoming actions.
2. Understanding intended legislative and policy changes helps inform awareness of what policy and operational changes are on the horizon which helps informed analysis of exactly what the expected results will be, whether they are justified, and whether they are being fulfilled.

Warship names show Navy's growth

<http://www.globaltimes.cn/content/1148776.shtml>



Canada has been naming warships after cities for some time. Most of its current warships carry city names.

A quick referral to Wikipedia ("List of cities in Canada" https://en.wikipedia.org/wiki/List_of_cities_in_Canada)

indicates a sum of 387 Canadian cities. Like so many statistics though (lies, damned lies, statistics), that figure has to be taken carefully - different provinces use different sizes to qualify as a city, and Quebec, with the majority of 'cities,' lists villes (not differentiating between cities and towns) so some Quebec location as very small.

In the conflicts of the past, the names many Canadian cities, towns and villages were carried by warships which earned honours in battles and campaigns for their actions and the bravery of their sailors. In Royal Canadian Navy custom, those honours are passed on to succeeding ships of the same name. Sailors and citizens relate to such history. It is hoped that the Canadian Surface Combatants will be named after Canadian cities, towns and villages such that our new frigates will carry historic honours.

(Sigh, it has been a while since our Navy had so many ships that we might have faced running out of names of cities, etc., to name the ships...)

Huawei, 5G, and China as a Security Threat

<https://ccdcoe.org/library/publications/huawei-5g-and-china-as-a-security-threat/>

Kadri Kaska, Henrik Beckvard and Tomáš Minárik, NATO CCDCOE, 28 March 2019.

This report is from the NATO-accredited Cooperative Cyber Defence Center of Excellence in Estonia. It provides an excellent overview of the China and Huawei 5G challenge. The analysis of key NATO members' response to that challenge at pages 15 through 18 is excellent. There is also a useful summary of the international law aspects of cyber defence and the banning of suspect vendors. Why Canada is not contributing nation to this centre is hard to fathom as 18 other NATO members are.

At the initial website, go to the "Library" and click the PDF download for the entire paper.



UK Government Decision on Huawei

Three articles with comments.

US to put pressure on UK government after leaked Huawei decision

<https://www.theguardian.com/politics/2019/apr/26/huawei-leak-inquiry-philip-hammond-national-security-council>

The Guardian, 26 April 2019.

A leak from a recent meeting of the UK government's normally secret National Security Council indicated that the government will allow Huawei to build components of the future national 5G network. Five ministers, including the defence and foreign minister, objected to this decision, and many believe one of them is the leaker. The reaction of the US government and Australian security experts was profoundly negative as shown below. One suspects that their opposition stems from the UK suggesting it can somehow allow Huawei in the periphery of its future networks while keeping it away from the network core. This is increasingly being seen as a doubtful remedy - see next article.



U.S. will rethink cooperation with allies who use Huawei: official

<https://www.reuters.com/article/us-usa-huawei-tech/u-s-will-rethink-cooperation-with-allies-who-use-huawei-official-idUSKCN1S517H>

Reuters, 29 April 2019.

The US government has joined many other experts who argue that with 5G networks there is no distinction between core and periphery. In what appears to be an unmistakable signal to the UK government, a US State Department official declared "If other countries insert and allow untrusted vendors to build out and become the vendors for their 5G networks we will have to reassess the ability for us to share information and be connected with them in the ways that we are today." He made clear Huawei was an "untrustworthy vendor."

Britain's Huawei call 'risks Five Eyes alliance'

<https://www.theaustralian.com.au/nation/defence/britains-huawei-call-risks-five-eyes-alliance/news-story/d704302f4eda0b8d57eb7d0ff1713757>

Emily Ritchie, The Australian, 27 Apr 2019.

A respected Australian security analyst stated the UK decision to partially allow Huawei into their 5G networks periphery "is absolutely the wrong decision" with potentially adverse effects of on the 5 Eyes Alliance. Australia had completely banned Huawei for their future 5G networks. The Australian government was silent on the UK's rumoured decision. This seems the sounder decision as there appears to be much backtracking amongst UK politicians now.

Space 2.0—enabling war in space?

<https://www.aspistrategist.org.au/space-2-0-enabling-war-in-space/>

"The 'Space 2.0' approach brings transformational change in accessing and utilising space."



Government removes all mention of 'Sunni' and 'Shia' extremism from terrorism threat report

<https://globalnews.ca/news/5230488/government-removes-sunni-shia-from-terrorism-threat-report/>

Linked to:

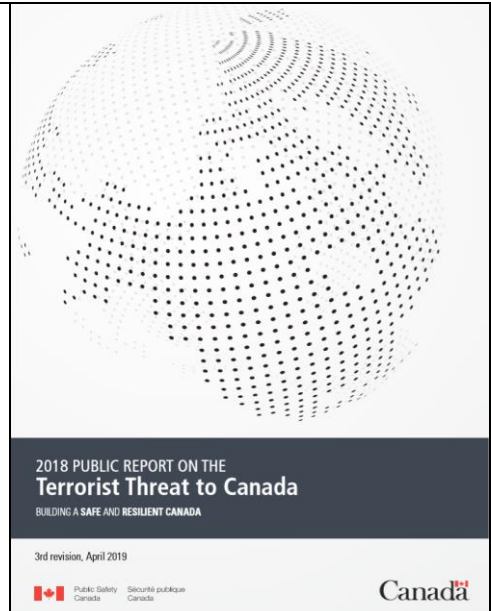
2018 Public Report on the Terrorism Threat to Canada

<https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/pblc-rprt-trrrsm-thrt-cnd-2018/index-en.aspx>

With "April 29, 2019 Update."

Report at:

<https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/pblc-rprt-trrrsm-thrt-cnd-2018/pblc-rprt-trrrsm-thrt-cnd-2018-en.pdf>



NATO up North: Operation Nanook-Nunavut

<http://natoassociation.ca/nato-up-north-operation-nanook-nunavut/>

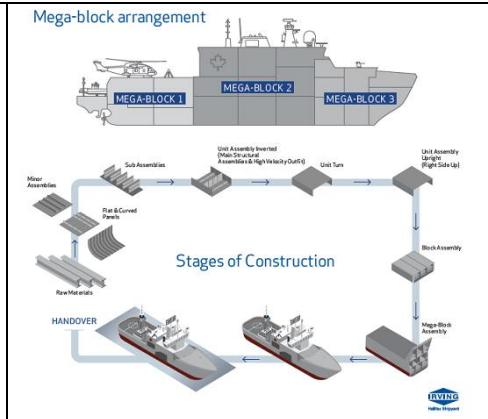
"As the strategic value of the Arctic increases, Canada must work more closely with NATO allies to realize its vision of an Arctic that is a 'stable, rules-based region with clearly defined boundaries, dynamic economic growth and trade, vibrant Northern communities, and healthy and productive ecosystems.' A recent report by the Standing Committee on Foreign Affairs and International Development suggests that Canada should work with fellow NATO nations to understand China and Russia's Arctic interests and respond proportionally. Operation Nanook-Nunavut is just one-way Canada is working towards facilitating such cooperation and ensuring that the North stays strong and free."



Canadian Defence Review magazine article "Canada's 2nd AOPS Structurally Assembled at Halifax Shipyard"

(<http://www.canadiandefencereview.com/news?news/2660>).

RUSI(NS) published an Information Note 24 May 2017 titled "Shipbuilding Terms" (<https://rusi-ns.ca/shipbuilding-terms/>).



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 to address U.S. complaints on bidding process of F-35 jets

<https://news.cgtn.com/news/3d3d414d784d544e34457a6333566d54/index.html>



Canada's CF-18 Replacement Competition Structure Seems To Have Already Disqualified The F-35

<https://www.thedrive.com/the-war-zone/27895/canada-wont-be-able-to-buy-the-f-35-because-they-are-already-a-f-35-program-partner-huh>



Other Sources:

#command

Mission Command and Mission Success with Nordbat 2

<https://theprinciplesofwar.com/podcast/32-mission-command-and-mission-success-with-nordbat-2/>

#information operations

How to avoid accidentally becoming a Russian agent (online)

<https://theconversation.com/how-to-avoid-accidentally-becoming-a-russian-agent-116034>

“Cooperate cautiously, Reciprocate thoughtfully, Join forces skeptically.”

Beware the ‘Weaponized’ Web, Says Guy Who Helped Elect Trump

<https://thetyee.ca/News/2019/04/19/Beware-Weaponized-Web/>

"Not an article about politics, more about how social media selectively presents information."

#space

A military service is measured by its impact, not the size of its bombs

<https://spacenews.com/op-ed-a-military-service-is-measured-by-its-impact-not-the-size-of-its-bombs/>

#Russia #economic warfare

Russian defense spending is much larger, and more sustainable than it seems

<https://www.defensenews.com/opinion/commentary/2019/05/03/russian-defense-spending-is-much-larger-and-more-sustainable-than-it-seems/>

Other:

What will happen to the Memorial Library?

A public consultation

May 23, 2019 - 6:30pm

Royal Artillery Park Officers' Mess
Corner of Queen and Sackville
Free parking available



Please join us for a presentation on the history of the Halifax Memorial Library and the hallowed ground it occupies, followed by a public consultation on what is to become of this significant Halifax landmark.

RSVP kindly requested by May 17, 2019: rsvp@hmhps.ca



<https://hmhps.ca>