



## Royal United Services Institute of Nova Scotia Dispatches

21 September 2018

*Dispatches* is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Everyone is encouraged to submit links and other content to the Institute's Chief Information Officer (CIO) at [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com) to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. Feedback is welcome anytime.

RUSI(NS) also publishes a weekly Defence & Security Newsletter, aimed at opinion leaders and industry. If you are interested in receiving the newsletter, email [admin@duncom.ca](mailto:admin@duncom.ca).

**Events:** To list an event into *Dispatches*, email the CIO by noon Thursday.

23 September, Sunday – Jewish Legion Centennial Society and the Town of Windsor Commemoration of the 100th Anniversary of the Jewish Legion. 1-4 pm, Fort Edward National Historic Site, Windsor, NS. RSVP VanEssa Roberts, [vanessa@town.windsor.ns.ca](mailto:vanessa@town.windsor.ns.ca), 902-798-6679. RUSI(NS) members will recall the talk by our May 2018 Distinguished Speaker, Sara Beanlands, titled "The Training of the Jewish Legion at Fort Edward during the First World War" (<https://rusi-ns.ca/jewish-legion/>). See poster in 7 September 2018 Dispatches.

10 October, Wednesday – RUSI(NS) Distinguished Speaker Shelley Hopkins, Executive Director of the Halifax and Region Military Family Resource Centre, on MFRC services to families of veterans released on medical grounds. 1130-1330 hours. Royal Artillery Park Officers' Mess.

10 October, Wednesday - Dalhousie University Centre for the Study of Security and Development talk by Dr Peter Layton, visiting fellow at the Griffith Asia Institute, Griffith University, Australia, on "Artificial Intelligence and War." 12-1 pm. Lord Dalhousie Room, Hicks Building, Dalhousie University. Dr Layton's bio at: <https://www.griffith.edu.au/asia-institute/our-researchers/visiting-fellow-dr-peter-layton>. Pass on this information as you see fit.

18 October, Thursday - NS Naval Association of Canada Trafalgar Day Celebration. Date tentative. 1130 for 1200. Location TBD, likely restaurant. Those interested, email Bob Lancashire at [casalanc@eastlink.ca](mailto:casalanc@eastlink.ca).

25 October, Thursday – Society of Atlantic Heroes "Gala for Heroes" Songwriters' Circle. 6-10 pm. Casino Nova Scotia. Dress: semi-formal (men: business suits, jacket & tie, medals optional; women: cocktail dress/slacks, medals optional; active duty persons - military, RCMP and all first responders: uniform with medals encouraged). Light appetizers and liquid refreshment will be served. To purchase a ticket, call 1-833-213-4376. Or purchase a table (10 people) online at: <https://ev9.eventue.net/cgi-bin/ncommerce3/SEGetEventInfo?ticketCode=PR:HALIFAX:C19:9AH25:9AH25P&linkID=halifax&shopperContext=&caller=PR&appCode=&prc=9AH25P&ppc=9AH25P>  
RUSI(NS) has already arranged a table of five couples. If you want to start a second table, contact Ken Hoffer.

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

**Publications:**

RUSI(NS) Information Note “Launch of Arctic and Offshore Patrol Vessels” 5 September 2018  
<https://rusi-ns.ca/launch-of-aopv/>

**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.

"Canada's on a new kind of mission in Mali - mixing peacekeeping with counterterrorism"  
<https://globalnews.ca/news/4445091/jeff-semple-canadian-peacekeepers-mission-mali-counterterrorism/> The other side has a say in your mission conditions... #OpPRESENCE #MLI



Irving Shipbuilding @IrvingShipbuild 1:12 PM - 14 Sep 2018  
tweeted: This morning, our shipbuilders at Halifax Shipyard successfully transitioned Canada's first @RCN\_MRC Arctic and Offshore Patrol Ship, the future @HMCSHarryDeWolf from land-level onto a submersible barge for launch tomorrow.  
RUSI(NS) retweeted: Bravo @IrvingShipbuilding! Looking forward to naming ceremony for future #HMCSHarryDeWolf & to mega-blocks of 2nd #Arctic & Offshore Patrol Vessel #AOPV of Arctic&Offshore Patrol Ship project #AOPS, future #HMCSMargaretBrooke, to soon move out onto wharf (The future HMCS Harry DeWolf transitioned to barge for launch tomorrow  
<http://shipsforcanada.ca/our-stories/the-future-hmcs-harry-dewolf-transitioned-to-barge>)

For those curious, "navire de patrouille extracôtier et de l'Arctique" (NPEA) is the French for Arctic and Offshore Patrol Vessel/Ship. See “Le navire de patrouille extracôtier et de l'Arctique Harry DeWolf mis à l'eau à Halifax”  
<http://www.45enord.ca/2018/09/navire-patrouille-extracotier-arctique-ncsm-harry-dewolf-mis-a-leau-halifax-irving-shipbuilding/>. Also: "Navires de patrouille extracôtier et de l'Arctique" <http://www.navy-marine.forces.gc.ca/fr/flotte-unites/npea-apercu.page>



Canadian Global Affairs Institute @CAGlobalAffairs 14 Sep tweeted and RUSI(NS) retweeted: How can #NATO respond to meet the modern threats posed by a recalcitrant Russia? Our Hugh Segal has ideas for NATO modernization: [https://www.cgai.ca/canadas\\_nato\\_mission\\_realism\\_and\\_recalibration](https://www.cgai.ca/canadas_nato_mission_realism_and_recalibration) #cdnfp #cdndef (Canada's NATO Mission: Realism and Recalibration)



Future #HMCSHarryDeWolf 1st of #Arctic & Offshore Patrol Vessels #AOPV for #RCNavy, launched 15Sep18 by @IrvingShipbuild under Arctic & Offshore Patrol Ship project #AOPS <http://thechronicleherald.ca/business/1597413-first-arctic-patrol-vessel-set-to-launch> Later ships of Harry DeWolf-class follow relatively quickly <https://rusi-ns.ca/launch-of-aopv/> (First Arctic patrol vessel set to launch)



Canadian Global Affairs Institute @CAGlobalAffairs 17 Sep tweeted and RUSI(NS) retweeted: Our Robert Hage says that it's in the United States' security interest to designate the Northwest Passage as an internal Canadian waterway: ([https://www.cgai.ca/rights\\_of\\_passage\\_its\\_time\\_the\\_us\\_recognizes\\_canadas\\_arctic\\_claim](https://www.cgai.ca/rights_of_passage_its_time_the_us_recognizes_canadas_arctic_claim))#Arctic #cdnfp (Rights of Passage: It's Time the U.S. Recognizes Canada's Arctic Claim)



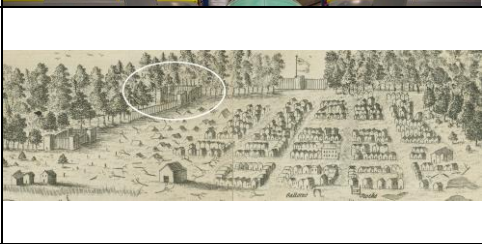
Canadian Forces @CanadianForces 18 Sep tweeted and RUSI(NS) retweeted: CH-147F Chinook and CH-146 Griffon crews help load cargo onto a #UN truck for forces stationed in Kidal, Mali during #OpPRESENCE on September 13, 2018. For more information: <https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-presence.html> (Operation PRESENCE - Mali)



ASPI @ASPI\_org 18 Sep tweeted: The mangled myths dogging the joint strike fighter | @Brendan\_ASPI | <https://bit.ly/2plc7us> pic.twitter.com/hRPaihN66L RUSI(NS) retweeted: #RCAF #FutureFighter @RCAF\_ARC (The mangled myths dogging the joint strike fighter <https://www.aspistrategist.org.au/the-mangled-myths-dogging-the-joint-strike-fighter/>)



RUSI(NS) pleased to have been of assistance to Dr Fowler @SMUHalifax associated prof of archeology in search with @BoreasHeritage ground penetrating radar to locate pieces of #Halifax town wall & perimetre forts at #CFBHalifax Royal Artillery Park <https://tridentnewspaper.com/searching-history-beneath-ra-park/> (Searching for history beneath RA Park)



Superb recounting of experiences & concerns as captain of #HMCSCharlottetown deployed CANCANorth/#Arctic for #OpNANOOK by Cdr Decicco #RCNavy to RUS(NS)&guests 19Sep18. Sailing North a logistics/weather challenge in a hazardous environment, needing much planning&collaboration

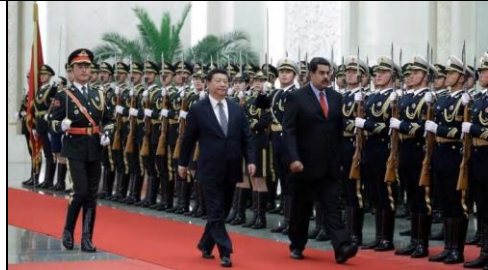


"Canadian military ditches plan to paint new search-and-rescue planes grey, will stick with familiar yellow"  
<https://bit.ly/2O08W9J> There's a public message (domestic & international) in #RCAF aircraft paint scheme, not just utility (<https://theprovince.com/news/canadian-military-ditches-plan-to-paint-new-search-and-rescue-planes-grey-will-stick-with-familiar-yellow/wcm/19217584-83fc-4a0b-bdc0-ede171c8a1fd>)



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

Why some Venezuelans fear Maduro is selling them out to China  
<https://www.cbc.ca/news/politics/venezuela-china-beijing-maduro-economy-support-1.4824112>



'Debt-trap diplomacy' - now, there's a term for the form of economic warfare being practiced by China.

How a potential Chinese-built airport in Greenland could be risky for a vital US Air Force base

<https://www.defensenews.com/global/europe/2018/09/07/how-a-potential-chinese-built-airport-in-greenland-could-be-risky-for-a-vital-us-air-force-base/>



Attempts by China to move into the western Arctic, whether with people and equipment or just economically, must be regarded with great concern by Canada. The Chinese have already proven their ability to use 'debt trap diplomacy' and similar actions to control infrastructure and property. Canada needs to be involved in countering this

Canada's Armed Forces, struggling to hit diversity goals, turns to new digital recruiting tools

<https://globalnews.ca/news/4450927/canada-armed-forces-diversity-goals-digital-recruiting/>

There are assessments, perspectives and ideas about recruitment and retention that the general public has, from military staff could benefit. RUSI(NS) planners are looking at holding a 'discussion table' on the topic of recruitment and retention. Comments are welcome.



Lockheed Martin tweet on Canadian Surface Combatant creates a stir

<https://ottawacitizen.com/news/national/defence-watch/lockheed-martin-tweet-on-canadian-surface-combatant-creates-a-stir>

If nothing else the buzz created by the BAE tweet has kept the Canadian Surface Combatant competition in the media's attention. That's marketing!



Canada's first Arctic and Offshore Patrol Vessel meets water for the first time

<https://globalnews.ca/news/4453755/offshore-patrol-vessel-meets-water/>

For an explanation of some of the terms used in launching an Arctic and Offshore Patrol Vessel, see "Launch of Arctic and Offshore Patrol Vessels" at <https://rusi-ns.ca/launch-of-aopv/>.



What's that in the harbour? An Arctic and offshore patrol ship

<https://www.cbc.ca/news/canada/nova-scotia/arctic-and-offshore-patrol-vessel-launch-halifax-harbour-1.4825459>

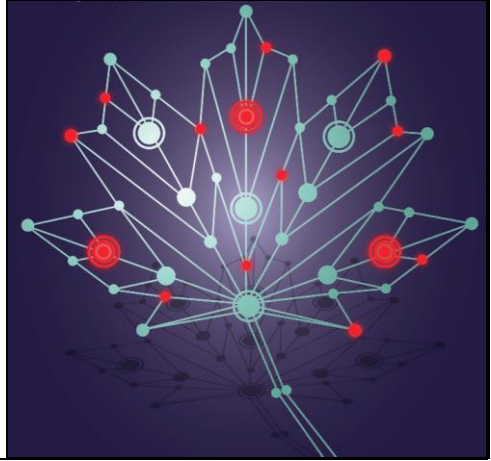
Actually, with the naming ceremony (likely October 2018), the vessel will be known as *Harry DeWolf*. It won't be until she is taken into commissioned service (that is, when a naval officer takes command, relieving the shipbuilder's master), spring 2019, that the ship assumes the prefix HMCS. See "Warship Orthography" at <https://rusi-ns.ca/warship-orthography/>.



Canada must prepare for multidimensional conflict

<https://www.theglobeandmail.com/business/commentary/article-canada-must-prepare-for-multidimensional-conflict/>

The Canadian Armed Forces must be prepared to operate in the land, sea, air, space, cyberspace, legal, economic, financial and public information domains. Conflict is ongoing in them all, often with overlap. Other Canadian entities must be prepared, too.



Google China Prototype Links Searches to Phone Numbers

<https://theintercept.com/2018/09/14/google-china-prototype-links-searches-to-phone-numbers/>

How long before we see this technology applied outside China?

Oh, probably already has, by the 'alphabet soup name' agencies...



China Is Buying African Media's Silence

<https://foreignpolicy.com/2018/09/14/china-is-buying-african-medias-silence/>

An aspect of "public information warfare" as being practiced by some states.



China Expanding Economic Influence in Americas, Research in the Arctic

<https://news.usni.org/2018/09/14/36564>

"Beijing's 'Polar Silk Road' policy is designed to build up the facilities necessary through the Northern Polar Route and the Northwest Passage 'to go through the unfrozen Arctic' to expand trade and cut its transportation costs."



Fair competition? Not if you look global

<https://www.defensenews.com/top-100/2018/08/09/fair-competition-not-if-you-look-global/>

"That means the (US Navy) service's next surface combatant may be a European design." Kinda wonder what affect any US decision would have on the Canadian Surface Combatant selection, especially from the aspect of industrial sustainability. Beneficial to have a number of states operating a similar ship class.



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

Russia's Vostok-2018 Exercise is About a Lot More Than War With NATO

<https://rusi.org/commentary/russia's-vostok-2018-exercise-about-lot-more-war-nato>



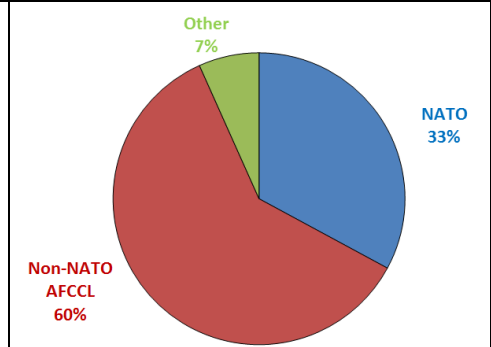
In Cyberwar, There are No Rules

<https://foreignpolicy.com/2018/09/12/in-cyberwar-there-are-no-rules-cybersecurity-war-defense/>



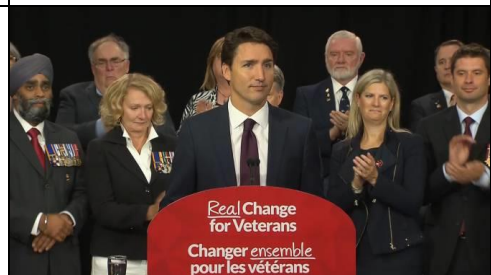
Report on Exports of Military Goods from Canada – 2017

<http://www.international.gc.ca/controls-contrôles/report-rapports/mil-2017.aspx?lang=eng>



Trudeau Liberals leave \$372M meant to help veterans unspent since taking office

<https://globalnews.ca/news/4447716/trudeau-liberals-leave-372m-meant-for-veterans-unspent/>



## Other Sources:

### #artificial intelligence

The Algorithms of August

<https://foreignpolicy.com/2018/09/12/will-the-united-states-lose-the-artificial-intelligence-arms-race/>

### #amphibious operations

British Amphibious Operations in Egypt, 1801: A JP 3-02 Perspective

<http://cimsec.org/british-amphibious-operations-in-egypt-1801-a-jp-3-02-perspective-pt-1/37514>

### #cyber operations

In Cyberwar, There are No Rules

<https://foreignpolicy.com/2018/09/12/in-cyberwar-there-are-no-rules-cybersecurity-war-defense/>

### #drones

Northrop Grumman Showcases Autonomous Maritime Capabilities at U.S. Navy's Exercise

<https://www.navyrecognition.com/index.php/news/defence-news/2018/september-2018-navy-naval-defense-news/6507-northrop-grumman-showcases-autonomous-maritime-capabilities-at-u-s-navy-s-exercise.html>

### #information operations

Russian Conspiracies and Active Measures

<https://www.linkedin.com/pulse/russian-conspiracies-active-measures-allen-middlebro->

Note the author's position.

### #leadership

RSM Common Sense

<https://thearmyleader.co.uk/rsm-common-sense/>

The Five 'Universals' of Great Leaders?

<https://thearmyleader.co.uk/the-five-universals-of-great-leaders/>

How Self-Reflection Can Help Leaders Stay Motivated

<https://hbr.org/2018/09/how-self-reflection-can-help-leaders-stay-motivated>

### #Mali

Mali and Africa's Past, Now, and Next

<http://cdrsalamander.blogspot.com/2018/09/mali-and-africas-past-now-and-next.html>

### #medical operations

Evaluation of Medical Support to Deployed Operations (June 2014)

[http://publications.gc.ca/collections/collection\\_2016/mdn-dnd/D58-56-2014-eng.pdf](http://publications.gc.ca/collections/collection_2016/mdn-dnd/D58-56-2014-eng.pdf)

### #RCMP

A Glimpse inside the world of an RCMP intelligence Analyst

<https://www.stonyplainreporter.com/news/local-news/a-glimpse-inside-the-world-of-an-rcmp-intelligence-analyst-2>



## **#recruiting**

Canada's Armed Forces, struggling to hit diversity goals, turns to new digital recruiting tools

<https://globalnews.ca/news/4450927/canada-armed-forces-diversity-goals-digital-recruiting/>

Keep an eye out for articles on recruiting, and think about recruitment and retention. RUSI(NS) planners are looking at scheduling a discussion table on the topic.

## **#research**

Congressional Research Service Reports Now Available Online

<https://blogs.loc.gov/loc/2018/09/trending-congressional-research-service-reports-now-available-online/>

A number of USN-related reports have been posted to Dispatches from time-to-time.

## **Other:**

Canadian Joint Operations Command September 2018 Public Affairs Narrative

<http://www.forces.gc.ca/en/operations/update.page>

New this month:

On August 2, 2018, a small team of soldiers from the Canadian Army's 4 Engineer Support Regiment deployed to Iraq on Operation IMPACT.

About 300 CAF members participated in a maritime domain defence and security exercise on Operation NANOOK from August 8, 2018 to September 4, 2018.

The Government of Canada accepted the province of British Columbia's request for assistance with wildfire response on August 13, 2018. On September 7, 2018, the Province of B.C. announced that the wildfire situation improved and that the requirement for CAF assistance had diminished. Most CAF assets and members deployed on Operation LENTUS started to leave the province and return to their respective home units. About 100 personnel are still assisting with the operation.

On August 15, 2018, Operation PRESENCE-Mali reached full operational capability, meaning personnel and equipment are prepared to conduct secondary tasks if the United Nations request them such as: the transportation of troops, equipment and supplies, and logistics support.

About 135 personnel and five CF-18 Hornets deployed to Constanta, Romania on Operation REASSURANCE to participate in NATO enhanced Air Policing from September to December 2018.

A CC-177 Globemaster aircraft conducted an airlift flight on Operation FREQUENCE between the Sahel region of Africa and France. About 29,000 kilograms of cargo were delivered to France.

CAF Operations @CFOperations tweeted 18 Sep: From August 13 to September 13, we assisted the Province of British Columbia with its #BCwildfire response. Bravo Zulu to the B.C. firefighters and @CanadianForces troops. We're proud to help when Canadians need us most. <http://bit.ly/2pnQ2t9> (Operation LENTUS <http://www.forces.gc.ca/en/operations-canada-north-america/op-lentus.page>) RUSI(NS) retweeted: Bravo members of @CanadianForces who assisted BC in response to #BCwildfires, & to first responders, especially forest firefighters, from all across Canada. One team, in defence, security & safety of this nation @CFOperations

# Operation LENTUS

## British Columbia Wildfires 2018



From August 13 to September 13, 2018, the Canadian Armed Forces helped the Province of British Columbia to respond to wildfires.



Approximately 420 CAF members, including the land and air task forces, headquarters, and support personnel.

On the land,

**220 soldiers** 

- Spent over **22,000 hours** supporting firefighting efforts
- Mopped up over **1000 hectares** of land

On the air side,

**51 airwomen and airmen** 

- 1 CC-130J Hercules 
- 1 CH-124 Sea King 
- 1 CH-146 Griffon 
- Transported over

**105,000 pounds** of equipment

- And **115 people**, including firefighters.

