



Royal United Services Institute of Nova Scotia Dispatches

15 February 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/category/publications/dispatches/>.

Everyone is encouraged to submit links and other content to the Institute's Chief Information Officer (CIO) at 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.

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. If you are interested in receiving the newsletter, email admin@duncom.ca.

Membership Renewal. It's renewal time. A notification email has been distributed. Please return your renewal promptly.

RUSI(NS) Survey 2019. The annual RUSI(NS) survey, created using Survey Monkey, has been distributed. Members with @forces.gc.ca email addresses have received an email with a web link. Other members have received an email with a button that takes them to the survey. The survey is short, seven questions. Your feedback is important – please take the time to complete the survey. Please complete the survey by **8 March 2019**.

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.

20 February, Wednesday - Distinguished Speaker JM Blais, Chief of Halifax Regional Police, titled "Reflections on Three Decades in Policing" as he approaches retirement from HRP. 1130-1330 hours. Royal Artillery Park Officers' Mess.

24 February, Sunday - Canadian Naval Memorial Trust Social onboard *Sackville*. 1400 hrs. "Chef Wendall Brown has put together a tasty menu, ideal to chase away the winter blahs. In the event of inclement weather which would make it difficult to get aboard the ship, alternate arrangements will be announced. The cost for the repast will be \$15 per person. Spread the word, in particular to your friends who do not have email. Talk it up amongst your friends and acquaintances. Please let Bob Lancashire (casalanc@eastlink.ca, 902-446-7107) know if you are going to attend and the number of people in your party.

Canadian Naval Memorial Trust Social Programme 2019:

a. Winter Blahs Lunch - 1400, Sunday, 24 February 24, onboard *Sackville* (weather dependant)

- b. Spring Lunch (Battle of the Atlantic Commemoration) - 1230, Thursday, 23 May, location to be determined
- c. Garden Party - 1200, Thursday, 22 August, RA Park
- d. Trafalgar Lunch - 1200, Monday, 21 October, onboard *Sackville* (to be confirmed closer to the date)
- e. Christmas Lunch - 1200, Thursday, 12 December 12, location to be determined closer to the date (RA Park or alternate)

26 February, Tuesday - CIC Halifax Branch and Dalhousie University Centre for the Study of Security and Development speaker Dennis Horak, until recently Canada's Ambassador to Saudi Arabia, on "Insights on Saudi Arabia and the Middle East." 6-7:30 pm. Halifax Central Library, 5440 Spring Garden Road. To register: <https://thecic.org/event/cic-halifax-insights-on-saudi-arabia-and-the-middle-east/>

20 March, Wednesday - Distinguished Speaker Chief Petty Officer First Class Craig MacFadgen, New Capabilities Introduction Detachment Halifax, titled "RCN - New Capabilities." 1130-1330 hours. Royal Artillery Park Officers' Mess.

20 March, Wednesday - **Annual General Meeting**. Following Distinguished Speaker. Royal Artillery Park Officers' Mess.

17 April, Wednesday - Distinguished Speaker Corporal David Lane, RCMP, on human trafficking. 1130-1300. RCMP H Div HQ. This will be a registration-required event.

30 April, Tuesday to **1 May**, Wednesday - Marine Environmental Observation, Prediction and Response Network "Marine Planning Process (MPP) Workshop." Dalhousie University. See poster at end of *Dispatches*. "This workshop is designed for industry, public and not-for-profit professionals who make decisions regarding coastal and marine uses and resources, as well as those seeking a better understanding of marine planning decision-making." To register, see: <http://meopar.ca/calendar/event/mpp-workshop-2019>

Publications:

RUSI(NS) Comments "Pilot Retention – Some Reminiscences," 11 February 2019
<https://rusi-ns.ca/pilot-retention-some-reminiscences/>

RUSI(NS) Comments "Kingston Terrorism Arrests" by Dan Tanner, 4 February 2019.
<https://rusi-ns.ca/kingston-terrorism-arrests/>

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 02 February 2019 is available on request to RUSINovaScotia@gmail.com.

The Military Institute of Windsor Communiqué Volume XXXVII Number 2 February 2019 is available on request to 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>Irving Shipbuilding @IrvingShipbuild 8 Feb tweeted: The Government of Canada and @IrvingShipbuild have selected @CSCHomeTeam for the design of 15 new @RCN_MRC Canadian Surface Combatants to be built at #Halifax Shipyard. The winning bid includes @LockheedMartin @BAESystemsCA @CAE_Defence, #L3Technologies @MDA_Maxar & @Ultra_UEMS pic.twitter.com/c5wVSkMyiR RUSI(NS) retweeted: "Government of Canada selects design for Canadian Surface Combatants" https://www.canada.ca/en/public-services-procurement/news/2019/02/government-of-canada-selects-design-for-canadian-surface-combatants.html Definition contract incl requirements reconciliation, preliminary design, functional design & detailed design, including 3D modeling. \$185M is floor of total definition contract #RCNavy <i>See: Designing our future Canadian Surface Combatant</i> https://www.canada.ca/en/public-services-procurement/news/2019/02/designing-our-future-canadian-surface-combatant.html</p>	
<p>Canadian Global Affairs Institute @CAGlobalAffairs 8 Feb 19 tweeted and RUSI(NS) retweeted: -Julian Lindley-French says Europe is now awaking from a 30-year strategic slumber. Now is the time, he argues, to react to #Russia’s growing military modernization: https://www.cgai.ca/complex_strategic_coercion_and_russian_military_modernization (Complex Strategic Coercion and Russian Military Modernization)</p>	
<p>Canadian Forces @CanadianForces 8 Feb 19 tweeted: Our future warships, the Canadian Surface Combatants, will support a broad range of missions such as counter-piracy, counter terrorism, humanitarian and disaster relief, and search and rescue operations. #StrongSecureEngaged #ExcellenceatSea https://www.canada.ca/en/department-national-defence/services/procurement/canadian-surface-combatant.html pic.twitter.com/Eft1KWsv0Q (Canadian surface combatant) RUSI(NS) retweeted: Ultimately main role of #RCNavy warships being built by Canadian Surface Combatant #CSC project is to combat at&from sea. Counter-piracy, counter-terrorism, humanitarian relief&disaster response, search&rescue worthy (probably usual) activities but ships are there first to fight</p>	

CADSI @CadsCanada 8 Feb 19 tweeted: "This is nothing short of a nation-building project." Read CADSI President and CEO @christynmc's full statement on today's selection of a design and design team for the Canadian Surface Combatant. @IrvingShipbuild @RCN_MRC #CSC
<https://www.defenceandsecurity.ca/media/article&id=345>
 (Selection of a design and design team for the Canadian Surface Combatant)
 RUSI(NS) retweeted: "...core principles & objectives of #NationalShipbuildingStrategy #NSS, which include ensuring that recapitalization of @RCN_MRC & @CoastGuardCAN will be carried out here at home, thus bringing end to boom-and-bust cycles that have characterized CAN🇨🇦 shipbuilding in past"



#RCAF #Helicopter Air Detachment technicians carried out first-ever 400-hour inspection of #CH149 #Cyclone helo aboard deployed frigate #HMCSVilleDeQuebec <http://www.rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=first-cyclone-deployment-outstanding/jr5hjlt1> Sign of @RCAF_ARC/@RCN_MRC capability to deploy long-endurance/distance #AirPower #BlueWaterNavy (First Cyclone deployment "outstanding")



CAN🇨🇦 ships (@CoastGuardCAN & @RCN_MRC) need to be built to operate in our 3 (wild seas) oceans
<https://www.cbc.ca/news/canada/nova-scotia/coast-guard-ships-can-t-handle-rough-seas-1.5009312> Kinda wonder what was original reason for decision not to install stabilizer fins (Coast guard's \$227M ships rock 'like crazy,' making crews seasick, unable to work)



Too often federal/provincial/territorial meetings are high level management <https://www.cbc.ca/news/canada/north/search-and-rescue-roundtables-not-happening-1.5012704> Need build trust early between field working levels, especially for focused topics as #Arctic #SearchAndRescue #SAR. Talks/meetings/exercises all good means, should be promoted (Northerners question why Arctic search and rescue roundtable meeting stopped)

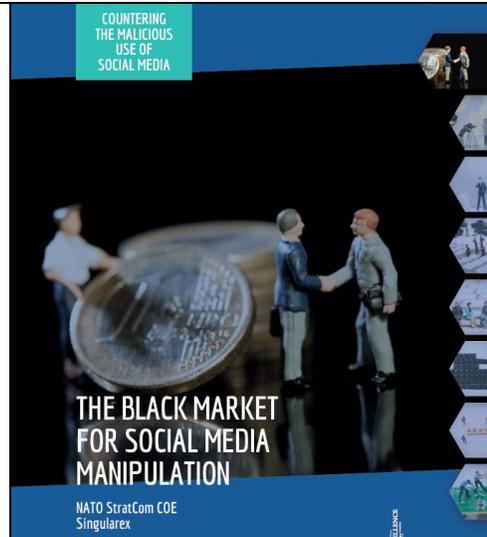


"Assault Pioneers returning to @CanadianArmy"
<https://www.facebook.com/notes/canadian-army/assault-pioneers-returning-to-the-canadian-army/2038805189544782/>
 Great capability, especially for Reserves. Assault Pioneers = infantry w addit'l specialized training in field engineering tasks like breaching doors w explosives
 (Assault Pioneers returning to the Canadian Army)



.@STRATCOMCOE "Black Market for #SocialMedia Manipulation" <https://www.stratcomcoe.org/black-market-social-media-manipulation> "artificially inflating number of followers...to reap financial benefits" "attempt to understand what a potential customer, wishing to wage #informationWarfare, can purchase online"

(The Black Market for Social Media Manipulation)



"Future South China Sea FONOPS Will Include Allies, Partners" <https://news.usni.org/2019/02/12/41070>
Would US seek CAN🇨🇦 participation in freedom of navigation operations (FONOPS)? @MLInstitute analysis: "Canada Must Be Prepared To Support Its Military Allies In Pacific"
https://macdonaldlaurier.ca/files/pdf/MLICommentary_MacDonald_AugustF_Web.pdf

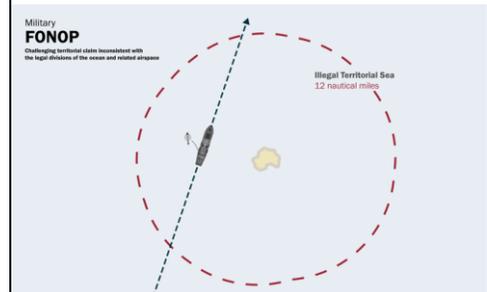
See also: Freedom of Navigation in the South China Sea: A Practical Guide

<https://www.belfercenter.org/publication/freedom-navigation-south-china-sea-practical-guide>

Why the US Navy sails past disputed artificial islands claimed by China

<https://abcnews.go.com/Politics/us-navy-sails-past-disputed-artificial-islands-claimed/story?id=60993256>

Contributor comment: Canada must think carefully about the whole FONOPS process. We are signatories to the UNCLOS convention. The USA is not and they could strengthen their position by signing it. We also must be ready for Chinese challenging Canada's Arctic Ocean claims. We have work in our waters.

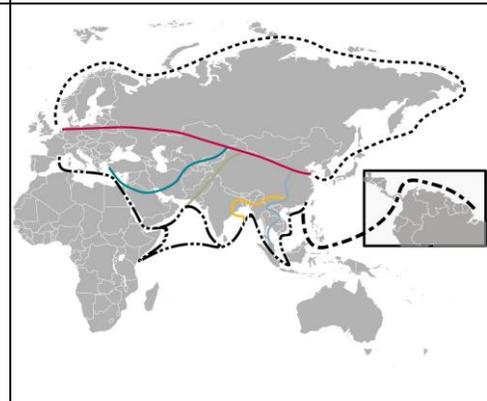


RUSI @RUSI_org 14 Feb tweeted: As the UK prepares to leave the European Union, this new paper from @VeerleNouwens outlines both threats and opportunities posed to the UK by China's flagship Maritime Silk Road Policy. Read now: <http://ow.ly/BxWJ30nHxYc>

pic.twitter.com/kQ15f7samK

(China's 21st Century Maritime Silk Road: Implications for the UK)

RUSI(NS) retweeted: "deployment of PLA to all corners of the globe ... create a network to support an enhanced Chinese military presence in regions that are strategically important to UK and its allies" Hmm, that includes us in CAN🇨🇦



Irving Shipbuilding @IrvingShipbuild 14 Feb tweeted: The ECOSAR team, led by C-CORE @MUN are working with Arctic communities to reduce the risk of Arctic shipping impacts through response training. Proud to support this important work with @NunavutCollege
<http://shipsforcanada.ca/our-stories/building-local-capacity-for-oil-spill-monitoring-and-response-in-nunavut>
 (Building local capacity for oil spill monitoring and response in Nunavut)
 RUSI(NS) retweeted: Enhanced Capacity for Oil Spill Situational Awareness and Response (ECOSAR) project goals: develop a program that uses satellite data to detect when an oil spill occurs; develop and deliver an oil spill response training program for Nunavut residents



CAF Operations @CFOperations 12 Feb 2019 tweeted and RUSI(NS) retweeted: As the situation on the ground changes, our mission in the Middle East continues to evolve. Take a look at what we've done in support for the Global @Coalition on #OpIMPACT since July 2017.
 More info on the mission:
<https://bit.ly/lybzRAT>
 (Operation IMPACT
<http://www.forces.gc.ca/en/operations-abroad-current/op-impact.page>)

An Evolving Impact
 Operation IMPACT - Iraq, Kuwait, Jordan, Lebanon, Qatar

The mission is evolving as the situation on the ground changes. We're committed to working within the Global Coalition and NATO Mission in Iraq to Improve Security in the Middle East.

About **850** Canadian Armed Forces (CAF) personnel currently deployed.
50 CAF personnel are leading the Ministerial Liaison Team to provide strategic advice and assistance to the Government of Iraq.

SINCE JULY 2017:
 Two CC-130J Hercules have transported almost **10 million pounds** of cargo for the Coalition

THE CAF HAS TRAINED:

- Over 4500 members of the Iraqi Security Forces
- Over 240 members of the Jordanian Armed Forces
- Over 180 members of the Lebanese Armed Forces

IN VARIOUS TOPICS:

- Combat first aid
- Weapons training
- Explosive threat training
- Special operations
- Leadership

Canada FORCES.GC.CA

National Defence / Défense nationale

Posted on Facebook Royal United Services Institute NS with comments:

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.

Other Sources:

#artificial intelligence

No, the Pentagon Is Not Working on Killer Robots—Yet

<https://foreignpolicy.com/2019/02/13/no-the-pentagon-is-not-working-on-killer-robots-yet/>

#Australia

An Insight into the Australian Defence Force's Future Land Capability

<https://www.army.gov.au/our-work/speeches-and-transcripts/an-insight-into-the-australian-defence-forces-future-land>

#Canadian Surface Combatant

Concern that Type 26 Frigate engine work could go to France

<https://ukdefencejournal.org.uk/concern-that-type-26-frigate-engine-work-could-go-to-france/>

Hmm, what will the CSC use as an engine?

#child soldiers

Statement on International Day Against the Use of Child Soldiers

<https://www.canada.ca/en/global-affairs/news/2019/02/statement-on-international-day-against-the-use-of-child-soldiers.html>

#China #North Korea

Project Sandstone Report 1: The Jie Shun Incident

<https://rusi.org/publication/other-publications/project-sandstone-report-1-jie-shun-incident>

"This report examines potential connections between Chinese state-owned enterprises and the North Korean arms trade."

#civil-military operations

Civil-Military Balance in Complex Operations

<http://thesimonscenter.org/featured-article-civil-military-balance-in-complex-operations/>

#culture

What is a Warfighting Culture?

<https://groundedcuriosity.com/what-is-a-warfighting-culture/>

#defence production

Military Technology: The Realities of Imitation

<http://www.css.ethz.ch/content/dam/ethz/special-interest/gess/cis/center-for-security-studies/pdfs/CSSAnalyse238-EN.pdf>

#drones

US Navy builds two new large surface attack drone ships

<https://www.foxnews.com/tech/navy-builds-two-new-large-surface-attack-drone-ships>

Large USVs (LUSV) and Medium USVs (MUSV) "to coordinate synchronized attacks, perform command and control across fleets of Unmanned Surface Vessels and conduct high-risk maritime missions such as anti-submarine operations, mine countermeasures, surface warfare, and forward-deployed surveillance."

Does the U.S. Navy's Next Super Weapon Have a Fatal Flaw?

<https://nationalinterest.org/blog/buzz/does-us-navys-next-super-weapon-have-fatal-flaw-43952>

Autonomous Vehicle Training Challenges for Law Enforcement

<https://www.domesticpreparedness.com/preparedness/autonomous-vehicle-training-challenges-for-law-enforcement/>

Navy Awards Boeing \$43 Million to Build Four Orca XLUUVs

<https://news.usni.org/2019/02/13/41119>

Orca Extra Large Unmanned Undersea Vehicles (XLUUV). Hmm, not like our RCN Orcas!

“51-foot-long diesel-electric submersible, launched from a jetty, can operate autonomously while sailing up to 6,500 nautical miles without being connected to a manned mother ship. Possible roles include for mine countermeasures, anti-submarine operations, anti-surface operations, electronic warfare and strike.”
The task group of the (near) future is building.

#drugs

Drug onslaught is coming—despite the big busts

<https://www.aspistrategist.org.au/drug-onslaught-is-coming-despite-the-big-busts/>

From a contributor: A fascinating article on the Australian experience. These issues facing society (and therefore law enforcement) require innovative approaches, and law enforcement is traditionally quite slow to evolve and rarely ever in front of issues. The old tried and true approaches tend to have a shelf life.

That’s why law enforcement relies on critical thinkers to move the ball down the field. As we continue to play catch up, crime continues to morph, but "necessity is the mother of invention."

#grand strategy

(UK) AssessRep 002

<https://wavelroom.com/2019/02/13/assessrep-002/>

#intelligence

Canadian Foreign Intelligence History Project, Ottawa (July 10, 2019)

Call for papers: <https://cihhic.ca/2019/01/29/cfp-canadian-foreign-intelligence-history-project-ottawa-july-10-2019/>

#mission command

What’s Really Wrong with Mission Command

<https://fromthegreennotebook.com/2019/02/11/whats-really-wrong-with-mission-command/>

#naval procurement

Defence Deconstructed: Comparing Naval Procurement Strategies in Canada & Australia

podcast: <https://soundcloud.com/user-609485369/defence-deconstructed-comparing-naval-procurement-strategies-in-canada-australia>

#recruitment

Sailor shortage causing headaches for Royal Canadian Navy

<https://nationalpost.com/pmn/news-pmn/canada-news-pmn/sailor-shortage-causing-headaches-for-royal-canadian-navy>

Army not the only service with a recruitment challenge.

Other:

Senior Officer Appointments

Chief of the Defence Staff announces Canadian Armed Forces General and Flag Officer senior appointments, promotions, and retirements

<https://www.canada.ca/en/department-national-defence/news/2019/02/chief-of-the-defence-staff-announces-canadian-armed-forces-general-and-flag-officer-senior-appointments-promotions-and-retirements.html>

Of note, what with their relationship with RUSI(NS):

Commodore C.F. Sutherland will be promoted to the rank of Rear-Admiral and appointed Deputy Commander Royal Canadian Navy.

Brigadier-General D.A. Macaulay will be promoted to the rank OF Major-General and will be appointed Deputy Commander Canadian Army.

Commodore C.T. Skjerpen will be appointed Director General Plans - Strategic Joint Staff.

From CDAI Howard Coombs:

The **Journal of Military and Strategic Studies**: Volume 19, Issue 2

<https://jmss.org>

“On 7 June 2017, Canada's Department of National Defence released Strong, Secure, Engaged. Developed under the banner of diversity and inclusion, this new defence policy proposed three objectives aimed at Indigenous peoples: reviewing recruitment and retention practices to promote Indigenous inclusion; focusing on Indigenous youth by expanding the Junior Canadian Ranger program; and strengthening links with Northern Indigenous communities through the Canadian Rangers and the Junior Canadian Ranger program. This thematic issue represents a number of manuscripts presented at a conference, The Role of Indigenous Peoples in Armed Forces: Canadian and International Perspectives, on the roles of Indigenous people in the Canadian Armed Forces and, in turn, other international comparisons of Indigenous military service. Held in December 2017, this conference brought together fifteen academic researchers from Canada, the United States, Asia-Pacific, and Europe and fills substantive gaps on our understandings of Indigenous people and military service, both past and present.”



MARINE PLANNING PROCESS (MPP) WORKSHOP

APRIL 30 AND MAY 1, 2019

Dalhousie University, Halifax NS

Presented by MEOPAR in partnership with Duke University and Dalhousie University

The two-day MPP workshop will present participants with key issues in the marine planning process using national and regional case studies and interactive game-theory based activities. Participants will learn an innovative approach to marine planning while building their network of coastal management professionals and early-career researchers in the Atlantic region and across Canada.

Who should attend?

This workshop is designed for industry, public and not-for-profit professionals who make decisions regarding coastal and marine uses and resources, as well as those seeking a better understanding of marine planning decision-making. Students and post-doctoral fellows are encouraged to attend.

For more information on course content,
instructors and registration:
[http://meopar.ca/calendar/event/
mpp-workshop-2019](http://meopar.ca/calendar/event/mpp-workshop-2019)

