



Royal United Services Institute of Nova Scotia

Dispatches

4 October 2019

The Royal United Services Institute of Nova Scotia provides a forum for the study, promotion and debate of defence and security issues.

Dispatches is a weekly collection of links and news of current interest, included those tweeted and posted by the Institute on social media. Links to 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. If you wish to receive *Dispatches* at a different address (i.e., not your work address), please inform the CIO. Past editions of *Dispatches* may be requested by contacting the CIO.

Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*.

Submissions and feedback are welcome anytime. Comments to articles can be from members or non-members of RUSI(NS). 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, or want past editions, email admin@duncom.ca.

Events:

Invitations for Remembrance Dinner 6 November have been sent out. Please RSVP soon if you intend to attend. Evening, Royal Artillery Park Officers' Mess.

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.

16 October, Wednesday - Distinguished Speaker Adam MacDonald, PhD Candidate, Department of Political Science; and Deputy Director, Centre for the Study of Security and Development; Dalhousie University, on "China-Russia Cooperation in the Arctic: A Cause for Concern for the West?" 1130-1330. Royal Artillery Park Officers' Mess.

4 November, Monday – Dalhousie University Centre for the Study of Security and Development presentation “Obama’s foreign policy legacy.” 5:30 to 7 pm. Games Room, Dalhousie University Club. See poster at end of *Dispatches*.

6 November, Wednesday - Remembrance Dinner. Evening. Royal Artillery Park Officers' Mess.

11 November, Monday - Remembrance Day Parade. Forenoon. Royal Artillery Park.

20 November, Wednesday - Distinguished Speaker Craig Dalton, Veterans Ombudsman, about veterans affairs. 1130-1330. Royal Artillery Park Officers' Mess.

5 May 2020 – commemoration of the 75th Anniversary of the Liberation of the Netherlands. See letters at end of *Dispatches*.

Recent Publications:

RUSI(NS) Info Quest “BREXIT and the Canadian Surface Combatant” <https://rusi-ns.ca/brexit-and-the-canadian-surface-combatant/>, 10 August 2019

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 10 October 2019 is available on request to RUSINovaScotia@gmail.com.

The Military Institute of Windsor Communiqué, Volume XXXVII Number 9 October 2019 is available on request to RUSINovaScotia@gmail.com.

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

The Firearm Blog @firearmblog 26 Sep tweeted and RUSI(NS) retweeted:
<https://www.thefirearmblog.com/blog/2019/09/26/first-look-colt-canadas-c20-sniper-rifle/>
FIRST LOOK: Colt Canada's C20 Sniper Rifle



STRATCOMCOE @STRATCOMCOE 27 Sep tweeted and RUSI(NS) retweeted: "Efforts at social manipulation are effective to the degree that vulnerabilities in a society allow them to be effective." Read about the doctrines and strategies behind social manipulation: (Hostile Social Manipulation - Present Realities and Emerging Trends
https://www.rand.org/pubs/research_reports/RR2713.html)



NavyLookout @NavyLookout 27 Sep tweeted: Nerdy long read: Powering the stealthy submarine hunter – Type 26 frigate propulsion system in focus
<https://www.savetheroyalnavy.org/powering-the-stealthy-submarine-hunter-type-26-frigate-propulsion-system-in-focus/>



CDNShipbuilders @CDNShipbuilders retweeted: Very interesting piece on propulsion systems on the UK Type 26s. #cdnships #maritime

RUSI(NS) retweeted: UK Type 26 frigate design is basis for @RoyalCanNavy CANCASurface Combatant #CSC to be built by @IrvingShipbuild

RUSI @RUSI_org Sep 23 tweeted and RUSI(NS) retweeted: @USArmy's Multi-Domain Operations concept depends on integration with US allies. For success, the US must act quickly to bridge the capability gaps between its forces and those of its allies. @Jack_Watling & @AUSAorg's Daniel Roper write: (Acting Together: Making Effective Use of Multilateral Deterrence Measures <https://rusi.org/commentary/acting-together-making-effective-use-multilateral-deterrence-easures>)



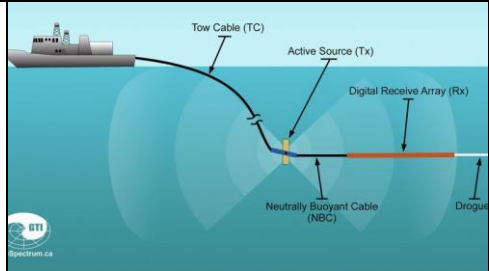
RUSI @RUSI_org Sep 18 tweeted and RUSI(NS) retweeted: New RUSI report reveals that 'police officers have raised concerns about using "biased" artificial-intelligence tools'. Read more via @BBCNews: (Police officers raise concerns about 'biased' AI data <https://www.bbc.com/news/technology-49717378>)



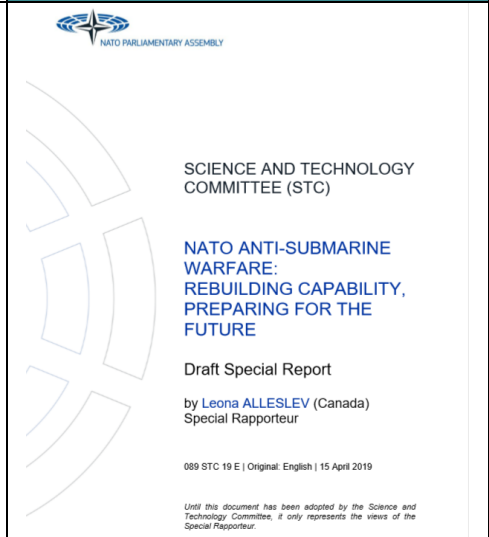
Elisabeth Braw @elisabethbraw 23 Sep tweeted and RUSI(NS) retweeted: From freedom of navigation to countering malign influence: what allies can learn from each other in deterring greyzone aggression. Phenomenal article by @foreignoffice Modern Deterrence Lead Tom Burge for @RUSI_org's #ModernDeterrence: (Acting Together: Making Effective Use of Multilateral Deterrence Measures <https://rusi.org/commentary/acting-together-making-effective-use-multilateral-deterrence-measures>)



Successful trial of ant-submarine sonar system in #RCNavy small warship <https://defpost.com/geospectrum-technologies-completes-asw-trial-of-its-traps-sonar-on-board-hmcs-glance-bay/> Such 'packagable' development significantly enhances patrol & combat capabilities of Kingston- & Harry DeWolf-class ships (GeoSpectrum Technologies Completes ASW Trial of its TRAPS Sonar On Board HMCS Glace Bay)



"#NATO Anti-Submarine Warfare: Rebuilding Capability, Preparing for the Future" <https://www.nato-pa.int/document/2019-nato-anti-submarine-warfare-rebuilding-capability-preparing-future-draft-special> "NATO faces a severe shortfall of ASW capabilities. This draft report thus squarely focuses on the need to rebuild NATO's ASW assets in the short and long term"



The above is dated 15 April 2019. A "Revised Draft Special Report" dated 12 August 2019 is available on request to RUSINovaScotia@gmail.com.

From a RUSI(NS) contributor: That report is rich with references, too. It is really a summary to a good set of information.

Matthew Fisher @mfisheroverseas 30 Sep tweeted and RUSI(NS) retweeted: Rather different than the assumptions of many Cdn Arctic experts. What Does China Want with the Arctic? | The National Interest (<https://nationalinterest.org/feature/what-does-china-want-arctic-78731>)



Matthew Fisher @mfisheroverseas 30 Sep tweeted and RUSI(NS) retweeted: Can-US to curb China's dominance in critical rare-earth minerals. @stevenchase @RobertFife Solid piece about seldom talked about problem. Japan's adjacent waters key. So is Oz/US/Cdn/Danish deep sea assay off Mexico's west coast +Greenland (Canada, U.S. drafting plans to curb China's dominance in critical rare-earth minerals <https://www.theglobeandmail.com/politics/article-canada-joins-us-efforts-to-curb-chinas-dominance-in-critical/>)



David Pugliese @davidpugliese 30 Sep tweeted and RUSI(NS) retweeted: My latest article....Footage appears to show Canadian-made armoured vehicle captured by Yemen rebels in fighting with Saudis (<https://ottawacitizen.com/news/national/defence-watch/footage-appears-to-show-canadian-made-armoured-vehicle-captured-by-yemen-rebels-in-fighting-with-saudis>)



Then another reporter came out with (maybe because there was a tweet of 2016 picture of a Houthi LAV albeit not a LAV-25): Levon Sevunts on Twitter: "Doing a bit of crowdsourcing research here. Do you know what type of a LAV is this? It looks like a LAV-25 to me. What do you think? #Yemen #SaudiArabia <https://t.co/LEikLvMF7V>"



Canadian Global Affairs Institute @CAGlobalAffairs 1 Oct tweeted and RUSI(NS) retweeted: -Does #Trump's distrust of allies, as well as rising nationalist and populist notions, pose the greatest threat to #NATO's future? Or is #Russia once again an adversary to the alliance? Check out our newest policy paper by David J. Bercuson: (NATO: Past, Present and Future https://www.cgai.ca/nato_past_present_and_future)



Canadian Global Affairs Institute @CAGlobalAffairs 1 Oct tweeted and RUSI(NS) retweeted: We're on day 21 of #elxn43, and there's still little mention of defence and security policy. Our vice-president @DavePerryCGAI and CGAI-fellow Rob Huebert comment to @CBCNews about this topic lacking in the #CanadaVotes discussion: #cdnpoli (Amid global unrest, Canada's political parties say little about security, defence <https://www.cbc.ca/news/politics/fed-elxn-world-1.5303672>)



STRATCOMCOE @STRATCOMCOE 2 Oct tweeted and RUSI(NS) retweet: "Deception and lies are spreading faster than ever before...it's about sensitizing the population and governments to take a closer look." - @janis_sarts Read more about the experiment: (Fighting 'fake news' online: How NATO soldiers in Latvia got fooled by bots <https://www.euractiv.com/section/eastern-europe/news/fighting-fake-news-online-how-nato-soldiers-in-latvia-got-fooled-by-bots/>)



Posted on Facebook Royal United Services Institute NS with comments:

Navy, Marines Rethinking How to Build Future Fleet with Unmanned, Expeditionary Ships

<https://news.usni.org/2019/09/26/navy-marines-rethinking-how-to-build-future-fleet-with-unmanned-expeditionary-ships>



"...working on an Integrated Naval Force Structure Assessment that also includes emerging unmanned and expeditionary platforms to support new concepts of warfare..."

I wonder what a Canadian force structure assessment would look like.

COMMENTARY: Climate change undermines our collective global security

<https://globalnews.ca/news/5950100/climate-change-global-security/>



"...climate change undermines our collective global security." "Climate change is a threat multiplier, which means that it exacerbates threats that already exist, including issues of security."

"'Strong, Secure, Engaged: Canada's Defence Policy' makes it explicitly clear that we can no longer afford to ignore the threat of climate change."

Not news to those of us recalling our staff college days.

Welcome to the Arctic: Degraded radios, poor satellite geometry and sea charts dating back to Capt. Cook

<https://www.navytimes.com/news/your-navy/2019/09/19/welcome-to-the-arctic-degraded-radios-poor-satellite-geometry-and-sea-charts-dating-back-to-capt-cook/>



Don't knock Captain Cook. He was an excellent surveyor and his charting has well stood the passage of time (although climate change is now a major factor affecting the charts' accuracy). The author of this remark spent many a watch onboard Her Majesty's Canadian Ships on the west coast using charts marked with Cook's name at the bottom right, and those charts were perfectly adequate.

See also:

Captain Cook Society <https://www.captaincookociety.com/home/detail/fort-needham-halifax-nova-scotia-canada>

Captain James Cook Memorial <https://hnhps.ca/sites/captain-james-cook-memorial>

The Making of a Maritime Explorer: James Cook in Newfoundland, 1762-1767 https://www.cnrs-scrn.org/northern_mari

Defence Construction Canada hit by cyber attack - corporation's team trying to restore full IT capability

<https://ottawacitizen.com/news/national/defence-watch/defence-construction-canada-hit-by-cyber-attack-corporations-team-trying-to-restore-full-it-capability>



Knowledge of our military infrastructure in the wrong hands will be problematic in future...

Britain unveils drone that will protect vulnerable warships

<https://www.wearthemighty.com/history/britain-pac24-rib-unmanned-drone>



It is not evident from the article whether the "new kit that turns small combat boats into drones" results in a permanently re-configured drone boat (hmm, call it a zombie? Regret not, already a military codeword for "suspect air track conforming to air traffic control rules or following a recognised traffic pattern") or a temporary one. The idea of being able to configure a warship's boat (e.g., a RHIB - rigid-

hull inflatable boat) as a temporary drone is intriguing. Every warship could then be a drone carrier.

Footage appears to show Canadian-made armoured vehicle captured by Yemen rebels in fighting with Saudis

<https://ottawacitizen.com/news/national/defence-watch/footage-appears-to-show-canadian-made-armoured-vehicle-captured-by-yemen-rebels-in-fighting-with-saudis>





A murky story vis -a - vis contracts and deliveries?

There are no surprises here. It was bound to happen at some point due to the nature of the type of combat in the area. Loss of a vehicle is part and parcel of combat, the only real surprise is that it hasn't happened sooner. When one sells equipment to the armed forces of another country, I think it is a little naive to think they won't be used and won't be lost or destroyed.

These vehicles are an older model than our current fleet although they look similar.

The real issue is that it appears to be intact meaning there is a very real issue with the Saudi's ability to fight. They seem to be road bound as opposed to developing the skills necessary to fight in difficult terrain. The other issue is how did the Houthis become so proficient? How is Iran involved? Are there Iranian advisors such as the Iranian Revolutionary Guard Corps (IRGC) or from their regular armed forces? They seem to have developed all too quickly. It is something to think about for future reference.

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.

 <p>RUSI www.rusi.org</p> <p>This Week</p>	 <p>RUSI www.rusi.org</p>
<p>https://mailchi.mp/rusi.org/thisweek-27september-166789?e=a539211a30</p> <p>'Narco sub' intercepted by U.S. Coast Guard - cocaine worth more than \$160 million seized</p> <p>https://ottawacitizen.com/news/national/defence-watch/narco-sub-intercepted-by-u-s-coast-guard-cocaine-worth-more-than-160-million-of-seized</p>	

Lockheed Martin Secures \$2.7B NASA Contract for Orion Space Capsules

https://news.usni.org/2019/09/24/lockheed-martin-secures-2-7b-nasa-contract-for-orion-space-capsules?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%20092519&utm_term=Editorial%20-%20Early%20Bird%20Brief



Canadian Armed Forces says cause, cost of Cyclone helicopter collision still unknown

<https://vancouverisland.ctvnews.ca/canadian-armed-forces-says-cause-cost-of-cyclone-helicopter-collision-still-unknown-1.4611920>



How Not to Confront China

https://www.rand.org/blog/2019/09/how-not-to-confront-china.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804



Naval base in Syria anchors Russia to Mediterranean

https://www.navytimes.com/news/your-navy/2019/09/27/naval-base-in-syria-anchors-russia-to-mediterranean/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.27.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Exclusive: As North Korea expands arsenal, Japan's missile defense shield faces unforeseen costs – sources

https://www.reuters.com/article/us-japan-defence-aegis-exclusive/exclusive-as-north-korea-expands-arsenal-japans-missile-defense-shield-faces-unforeseen-costs-sources-idUSKBN1WC0CY?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.27.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Japan lists China as bigger threat than nuclear-armed North Korea

https://www.reuters.com/article/us-japan-defence/japan-lists-china-as-bigger-threat-than-nuclear-armed-north-korea-idUSKBN1WC051?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.27.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Photos: Petawawa soldiers test new camouflage uniform pattern

<https://ottawacitizen.com/news/national/defence-watch/photos-petawawa-soldiers-test-new-camouflage>



Stealthy no more? A German radar vendor says it tracked the F-35 jet in 2018 — from a pony farm

https://www.c4isrnet.com/intel-geoint/sensors/2019/09/30/stealthy-no-more-a-german-radar-vendor-says-it-tracked-the-f-35-jet-in-2018-from-a-pony-farm/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Parade marking 70 years of Communist Party rule in China offers a glimpse into country's military ambitions

https://www.militarytimes.com/flashpoints/2019/09/29/parade-marking-70-years-of-communist-party-rule-in-china-offers-a-glimpse-into-countrys-military-ambitions/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Japan sees rising threats from China, North Korea, Russia

https://www.navytimes.com/news/your-navy/2019/09/27/japan-sees-rising-threats-from-china-north-korea-russia/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Taiwan looks to boost artillery forces to counter China

https://www.defensenews.com/global/asia-pacific/2019/09/27/taiwan-looks-to-boost-artillery-forces-to-counter-china/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2009.30.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



OPP opens centre for cyber operations

<https://globalnews.ca/news/5970566/opp-cyber-operations-centre/>



Amid global unrest, Canada's political parties say little about security, defence

<https://www.cbc.ca/news/politics/fed-elxn-world-1.5303672>



Canadian spy agency presented with transparency award, refuses to confirm details about event

<https://ottawacitizen.com/news/national/defence-watch/canadian-spy-agency-presented-with-transparency-award-refuses-to-confirm-details-about-event>



New Drones, Weapons Get Spotlight in China's Military Parade

https://www.defenseone.com/technology/2019/10/new-drones-weapons-get-spotlight-chinas-military-parade/160291/?oref=defenseone_today_nl



The Army's Next Attack Helicopter Could Look Like This

https://www.defenseone.com/business/2019/10/armys-next-attack-helicopter-could-look/160295/?oref=defenseone_today_nl



State Department greenlights new missile sale for Ukraine

https://www.politico.com/news/2019/10/01/state-department-ukraine-missile-sale-016650?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.02.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



South Korea says North Korea fired a projectile off eastern coast

https://www.militarytimes.com/news/pentagon-congress/2019/10/01/north-korea-us-nuclear-talks-to-resume-this-weekend/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.02.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



America's Answer to Huawei

https://foreignpolicy.com/2019/10/01/america-answer-to-huawei-pentagon-carriers-5g-race-china/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.02.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Terry Glavin: The Liberals need to decide if Canada really wants to be on China's side

<https://nationalpost.com/news/politics/election-2019/terry-glavin-the-liberals-need-to-decide-if-canada-really-wants-to-be-on-chinas-side>



The People's Republic at 70

https://foreignpolicy.com/2019/10/02/the-peoples-republic-at-70-anniversary-xi-jinping-military-parade-hong-kong-carrielam/?utm_source=PostUp&utm_medium=email&utm_campaign=15374&utm_term=Editor#39;s%20Picks%20OC



Canada's forgotten battle: Honouring the legacy of Hill 70, more than a century later

<https://globalnews.ca/news/5981549/canadas-forgotten-battle-hill-70-legacy/>



North Korea says submarine-launched missile test succeeded

https://www.militarytimes.com/flashpoints/2019/10/03/north-korea-says-submarine-launched-missile-test-succeeded/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Bell unshrouds Invictus, its answer for the US Army's future attack recon aircraft

https://www.defensenews.com/land/2019/10/02/bell-unshrouds-invictus-its-answer-for-the-us-armys-future-attack-recon-aircraft/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Philippine official tweets order for new protest vs China

https://www.navytimes.com/news/your-navy/2019/10/02/philippine-official-tweets-order-for-new-protest-vs-china/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2010.03.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



The China Dream: Never Closer, yet Never More Elusive

https://www.rand.org/blog/2019/10/the-china-dream-never-closer-yet-never-more-elusive.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804



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

#election

What Diplomats Need to Know about Canadian Elections

https://www.cgai.ca/what_diplomats_need_to_know_about_canadian_elections

Info was written for foreign diplomats. Useful for Canadians.

#exercises #NATO

NATO Exercises - Evolution and Lessons Learned

<https://www.nato-pa.int/document/2019-dscfc-draft-report-nato-exercices-evolution-and-lessons-learned-martinho-076-dscfc-19>

"This draft report finds increasing NATO exercises both in quantity and quality is a win-win scenario for the Alliance."

#leadership

Adopting Mission Command: Developing Leaders for a Superior Command Culture

book review: <https://thearmyleader.co.uk/adopting-mission-command/>

#information operations

Combating Strategic Weapons of Influence on Social Media

<https://www.hSDL.org/?abstract&did=828243>

#navies

Notes to the New CNO

<http://cimsec.org/notes-to-the-new-cno-week-concludes-on-cimsec/41904>

"...short submissions where contributors offered their suggestions to the U.S. Navy’s new Chief of Naval Operations, Admiral Michael Gilday."

Interesting reflections on the state of a navy - cues for reflection on ours?

Articles include:

Two Unaddressed Problems in the Surface Navy

Prepare for Autonomous Undersea Conflict

Make Crew Endurance an Operational Warfighting Imperative

Reestablish the Strategic Studies Group

Recapitalize Sealift or Forfeit the Next Great Power War

Every Sailor a Cyber Warrior

Defend and Advance Core Undersea and Network Capabilities

To Win Great Power War, Treat Information as a Strategic Resource

Restore Authority and Accountability

Tackle Force Dynamism and Administrative Structure for a Stronger Navy

The Navy Reserve is Broken

Junior Personnel: The X-Factor in Great Power Competition

Kill the Darlings and Pet Programs

Don’t Forget Seapower’s Dry Foundation

Improve Mutual Cooperation with Small and Medium-Sized Navies

Please Stop Making Sailor-Soldiers

#political warfare

Shining a Brighter Light on Foreign Influence in Canada

macdonaldlaurier.ca/files/pdf/20190926_Foreign%20Agents_Mulroney_COMMENTARY_Fweb.pdf

"Canada should regulate foreign agents."

#Royal Canadian Navy

Your Navy Today - September 2019

www.navy-marine.forces.gc.ca/en/news-ynt/2019/09-your-navy-today.page?

Note "RCN modernizes approach to sea command development and assessment"

www.navy-marine.forces.gc.ca/en/news-operations/news-view.page?doc=rcn-modernizes-approach-to-sea-command-development-and-assessment/k01wwz7p

#situational awareness

Future Chemical Challenges: Common Operating Picture Needed to Manage Common Problems

<https://www.domesticpreparedness.com/preparedness/future-chemical-challenges-common-operating-picture-needed-to-manage-common-problems/>

#strategy #NATO

Evolving Security in the North Atlantic

<https://www.nato-pa.int/document/2019-dsctc-draft-report-evolving-security-north-atlantic-soames-077-dsctc-19-e>

"This draft report reviews the strategic importance of the North Atlantic and the significance of Allied command and control of the Greenland-Iceland-United Kingdom (GIUK) Gap. It also examines the nature of the Russian threat in the North Atlantic and the current Allied effort to respond to this new threat."

Other:

From CDA Institute, H Coombs - Available at <https://www.armyupress.army.mil/Journals/Military-Review/English-Edition-Archives/May-June-2019/Thomas-Russian-Forecast/> is LTC (Ret.) Tim Thomas' Military Review article concerning **Russian strategic forecasting and the forms of future war**. It focuses on the evolution of Russian perspectives in this sphere over the last six years. "This article focuses on the military's objective and openly expressed approach to future war planning. It first examines forecasting theory and how it assists planners in their future war preparations, to include consideration of how Russia views the shape of the contemporary IPW. [Of increasing relevance to forecasting is what Russian officers have long referred to as the initial period of war (IPW). To properly prepare for the evolving IPW environment, operational adjustments are required in peacetime.] It then considers the thoughts of several analysts, including the chief of the General Staff, as to future war's components and how it might be conducted."

From CDA Institute, H Coombs - Available at <https://www.crisisgroup.org/crisiswatch> is the latest edition of International Crisis Group's **Monthly Summary of global conflict trends** - September 2019. Global Overview: "In September, U.S. President Trump suspended talks with the Taliban, curtailing prospects for peace in Afghanistan, while an attack on Saudi oil facilities prompted a sharp rise in tensions between Riyadh and Washington on one side and Iran on the other. Cross-border attacks between Saudi Arabia and Yemen's Huthis could multiply unless they agree on steps to de-escalate. In Egypt and Algeria, security forces cracked down on opposition protests, and Tunisia's second round of presidential polls could stir tensions. Violence around protests in Indonesia's Papua left at least 30 dead. Al-Shabaab stepped up attacks in Somalia, violence between armed groups rose in the Central African Republic, security forces increased attacks in Cameroon's Anglophone areas, and intercommunal conflict deepened in central Mali. In October, insecurity could rise in eastern DR Congo, northern Burkina Faso, Malawi and Mozambique. Talks between Venezuela's government and opposition fell apart, and Haiti's political crisis gave way to more violence. In Sudan, the appointment of a new cabinet consolidated a power-sharing deal and imminent talks between the government and armed opposition groups are an opportunity to advance peace in the peripheries."

Ships' commemorative paint scheme to mark 75th anniversary of the end of the Battle of the Atlantic

<https://www.facebook.com/notes/royal-canadian-navy/ships-commemorative-paint-scheme-to-mark-75th-anniversary-of-the-end-of-the-batt/949837015378034/>

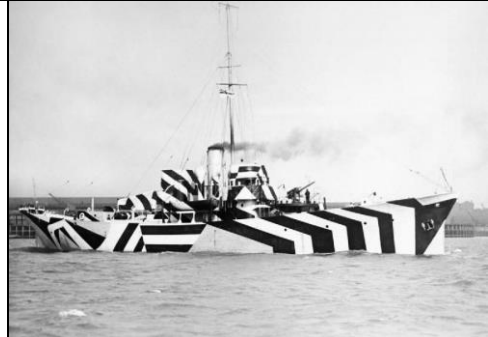
Regina will be painted with a similar scheme and a commemorative pennant number, K34. The first *Regina*, a corvette, was K234 and the current frigate is 334.



"When the British Wanted to Camouflage Their Warships, They Made Them Dazzle" by @LinRod

<https://www.smithsonianmag.com/history/when-british-wanted-camouflage-their-warships-they-made-them-dazzle-180958657/>

Note differences in dazzle vs Admiralty disruptive scheme



War Art - Online exchanges resulting from the painting of *Moncton* have included a reference to "Shattered Landscape: The Great War and the Art of the Group of Seven"

<https://scholars.wlu.ca/cgi/viewcontent.cgi?referer=https://www.google.com/&httpsredir=1&article=1089&context=cmh>



CSSD Dalhousie @dalcssd 2 Oct tweeted: Join us on Monday, 04 November @DalhousieU for a panel discussion on President Obama's foreign policy legacy featuring @RFinbow @A_Parasram @KateErvine. Details below. @DAL_FASS @DalJMEUCE @DalPols @DalPoli @CICHalifax @RUSI_NS @DalManagement @SchulichLaw

Dalhousie's Centre for the Study of Security & Development presents

Obama's foreign policy legacy



Kate Ervine, SMU IDS
Robert Finbow, Dalhousie POLI
Ajay Parasram, Dalhousie IDS/HIST
Brian Bow, Dalhousie CSSD (moderator)

Monday, November 4, 2019

5:30-7:00pm

Games Room, Dalhousie University Club

FREE AND OPEN TO THE PUBLIC



Dear Friends,

On May 5th, 2020, we will be commemorating the 75th Anniversary of the Liberation of the Netherlands from Nazi occupation during WWII. This significant event will not only focus on freedom of the Dutch people, but also pay our deepest appreciation to our liberators.

Canada along with her allies; the United States, Britain, Poland, Newfoundland Labrador and others, answered the call during the Netherlands darkest hour. They sacrificed many of their finest men and women, who left their homes so that future generations of Dutch people could live in theirs. Thousands of allied heroes are buried on Dutch soil, including over 5,700 Canadians. Thousands of others died or suffered terrible injuries due to their valiant service.

After WWII, these countries opened their doors to immigration. Three percent of Canada's population (1.3 million) are of Dutch heritage. The Dutch people have contributed significantly to Canada's agriculture, oil & gas and construction industries, as well as in academia, politics and arts & culture.

Today the Netherlands, 17 million strong, is a vibrant, democratic and free society. In fact, it is now the number two foreign investor in Canada behind the United States. None of this would have been possible without the sacrifices of Canada and her allies.

In honour of the memory of the fallen and the current generations who serve, we will be having a parade, wreath laying ceremony, reception and dinner at Cunard Centre Pier 23 Halifax, beginning at 4:30pm on Sunday, May 5th, 2020.

It is with great pleasure to announce that Lieutenant-General (ret) The Honorable Roméo A. Dallaire, O.C., C.M.M., G.O.Q., M.S.C., C.D., L.O.M. (U.S.), B.ésS., LL.D. (Hon.), D.Sc.Mil (Hon.), D.U., born in the Netherlands, will be guest speaker and music will be provided by East Coast artist and Honourary Colonel 14 Wing Greenwood Mr. Terry Kelly, CM, BA, DCL, DFA.

The proceeds of this event will be distributed amongst five Veterans and First Responder organizations. The Royal Canadian Legion Benevolent Fund, The Society of Atlantic Heroes, Military Family Resource Centres, The Canadian Naval Memorial Trust and Paws Fur Thought.

Thank you for your consideration to our request and hope to see you there,

A grateful Dutch immigrant (September 26, 1956 - Pier 21),

Peter Stoffer
Chair,

The 75th Anniversary of the Liberation of the Netherlands Committee



Sponsorship

Gold Sponsor	\$10,000 Two tables for 20 at reception/dinner Media and advertising mention Full page advertisement in souvenir brochure Display your banner at event
Silver Sponsor	\$5,000 One Table for 10 at reception/dinner Half page advertisement in souvenir brochure Display your banner at event
Bronze Sponsor	\$1,500 One Table for 10 at reception/dinner

Individual tickets for the Reception/Dinner are \$150 per person

**RSVP tickets through Peter Stoffer at 902-220-1788
or by email at peterstoffer2015@gmail.com**

**Cheques should be made payable to: 75th Anniversary Liberation Netherlands and
mailed to 31 Newport Drive, Fall River, NS B2T 1A4**

**Peter Stoffer
Chair,
75th Anniversary of the Liberation of the Netherlands Organizing Committee**