



# Royal United Services Institute of Nova Scotia

## Dispatches

### 13 March 2020

*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](mailto:RUSINovaScotia@gmail.com). If you do not want to receive *Dispatches*, or wish to receive it at some different frequency, please inform the CIO. 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](mailto:admin@duncom.ca).

**HMCS Sackville, "Just for the Hull of it campaign" (See brochure below)**

#### **Events:**

To list an event in *Dispatches*, email the CIO by noon Thursday. RUSI(NS) events are by invitation only. If you are interested in attending and have not been invited, email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com). RUSI(NS) events may be cancelled at short notice – email RUSI(NS) if there is a question of an event occurring.

**18 March**, Wednesday – Distinguished Speaker Dr Jonathan Fowler, Saint Mary's University, titled "The Historical Archaeology of Halifax's Earliest Defences." 1100-1300 **Note: This event has been Postponed**

**5 April**, Wednesday - (To be confirmed) Distinguished Speaker, senior officer from RCN. 1130-1330. Royal Artillery Park Officers' Mess.

**28 April**, Tuesday - Evening @ Government House presentation by Dr Marc Milner to mark the 75th Anniversary of the Battle of the Atlantic. Dr Milner will present on the longest continuous naval and air campaign during the Second World War in which the RCN and RCAF played a pivotal role. See: <https://lt.gov.ns.ca/news-events/evenings-government-house>.

**28 April**, Tuesday - presentation by RUSI(NS) member Tom Tulloch, "The Royal Naval Burying Ground." 7 pm. Maritime Museum of the Atlantic. See:

<https://maritimemuseum.novascotia.ca/event/royal-naval-burying-ground-tom-tulloch>.

**20 May**, Wednesday - (To be confirmed) Distinguished Speaker Chief of Halifax Regional Police Dan Kinsella, about policing in HRM. 1130-1330. Royal Artillery Park Officers' Mess.

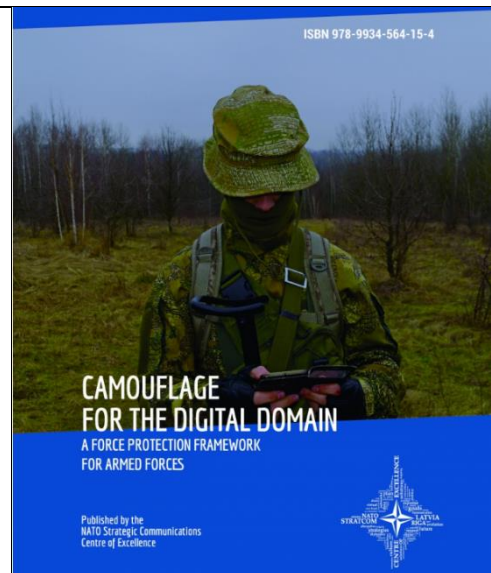
**26 May**, Tuesday - presentation by RUSI(NS) member Tom Tulloch, "The Halifax Graving Doc." 7 pm. Maritime Museum of the Atlantic. See: <https://maritimemuseum.novascotia.ca/event/halifax-graving-dock-history-tom-tulloch>.

**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](mailto:RUSINovaScotia@gmail.com).

Original article title in parentheses.

STRATCOMCOE @STRATCOMCOE 9 Mar tweeted and RUSI(NS) retweeted: Our new report with @ccdcoe offers a variety of measures for military organizations to address force protection issues related to the digital domain. Read the full report: <https://www.stratcomcoe.org/camouflage-digital-domain>

(Camouflage for the Digital Domain)



Florence Keen @FlorenceKeen 9 Mar tweeted and RUSI(NS) retweeted: Just under three years and countless country visits later, our @RUSI\_org Occasional Paper on advancing a risk-based response to terrorist financing is out! [https://rusi.org/sites/default/files/20202001\\_ctf\\_final\\_web\\_copy\\_2.pdf](https://rusi.org/sites/default/files/20202001_ctf_final_web_copy_2.pdf)

(A Sharper Image - Advancing a Risk-Based Response to Terrorist Financing)

CF Health Services Group @CFHSvcs 10 Mar tweeted: #BZ to the #CAF med team deployed to San Francisco as part of #OPGlobe to provide assistance once again in the repat of over 200 Cdns on board the Grand Princess. Our fellow Cdns are now safely back in at CFB Trenton and will undergo a 14-day quarantine. CJOC

RUSI(NS) retweeted: Operation GLOBE #OpGLOBE: @CanadianForces assistance to other Gov't of CAN🇨🇦 depts with tasks or activities abroad. #CAF members work alongside OGD personnel as well as other nations

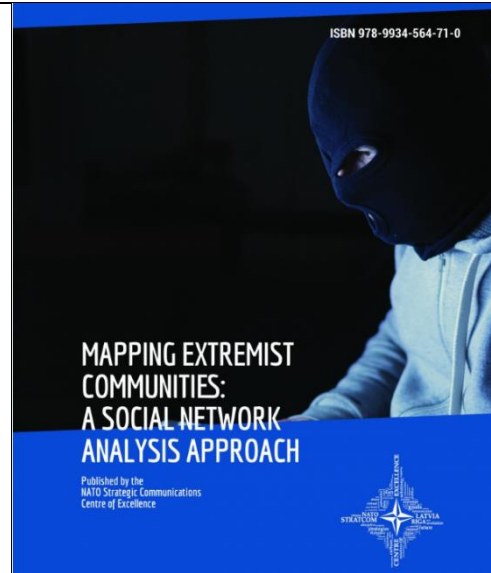
<https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-globe.html>



STRATCOMCOE @STRATCOMCOE 11 Mar tweeted and RUSI(NS) retweeted: Our computer-science oriented study maps extremist networks, exploring:

1. Emerging open-source narratives
2. Connections between media platforms
3. How extremism is no longer tied to monolithic entities

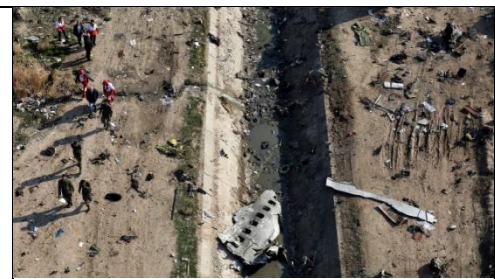
Check out the full report: <https://stratcomcoe.org/mapping-extremist-communities-social-network-analysis-approach> (Mapping Extremist Communities: A Social Network Analysis Approach)



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

Stung by Iran tragedy, Canada leading bid to better protect airliners

<https://www.cp24.com/news/stung-by-iran-tragedy-canada-leading-bid-to-better-protect-airliners-1.4840613>



Efforts "...to better share information, warnings and directions for avoiding dangerous airspace, and to improve airline safety protocols and day-to-day practices."

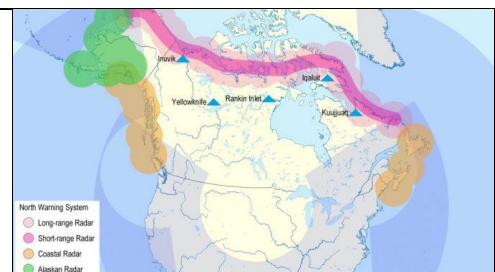
Strategy for Safer Skies. Hmm, an expanded Common Air Picture.

See also: "Speaking Notes for Canada's Minister of Transport, The Honourable Marc Garneau at the United States Chamber of Commerce Aviation Summit, Washington, D.C." at:

<https://www.canada.ca/en/transport-canada/news/2020/03/speaking-notes-for-canadas-minister-of-transport-the-honourable-marc-garneau-at-the-united-states-chamber-of-commerce-aviation-summit-washington-dc.html>

So Will the Canadian Government Put Some Big Bucks into Modernizing NORAD's North Warning System?

<https://mark3ds.wordpress.com/2020/03/05/so-will-the-canadian-government-put-some-big-bucks-into-modernizing-norads-north-warning-system/>

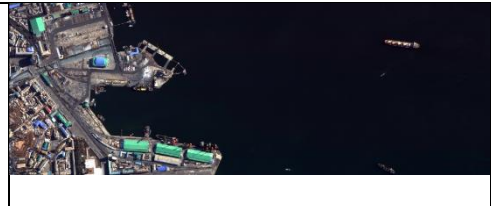


"The government has apparently not budgeted for (North Warning System) modernization in either its 20-year Defence Investment Plan released in 2018 or the 2019 Update of the Defence Investment Plan..."

Until it is known what Canada needs to replace the North Warning System, likely not much will be said. The requirement is in the *Strong, Secure, Engaged* Canadian defence policy (109. Collaborate with the United States on the development of new technologies to improve Arctic surveillance and control, including the renewal of the North Warning System). And National Defence has been working on All Domain Situational Awareness which is a big component (see: <https://www.canada.ca/en/departement-national-defence/news/2018/12/government-of-canada-announces-contract-awards-aimed-at-improving-space-based-earth-observation-capabilities.html>).

Project Sandstone Report 6: The Phantom Fleet: North Korea's Smugglers in Chinese Waters

<https://rusi.org/publication/other-publications/project-sandstone-report-6-phantom-fleet-north-korea%E2%80%99s-smugglers>



"A large fleet of North Korean cargo ships continues to deliver coal to China in contravention of UN Security Council resolutions, in what appears to be a large-scale, coordinated effort to evade sanctions imposed on the country over its nuclear weapons and ballistic missile programmes." Operation NEON is Canada's contribution to a coordinated multinational effort to support the implementation of United Nations Security Council sanctions imposed against North Korea. (<https://www.canada.ca/en/departement-national-defence/services/operations/military-operations/current-operations/operation-neon.html>)

Steel to be cut on first Type 31 Frigate next year

<https://ukdefencejournal.org.uk/steel-to-be-cut-on-first-type-31-frigate-next-year/>

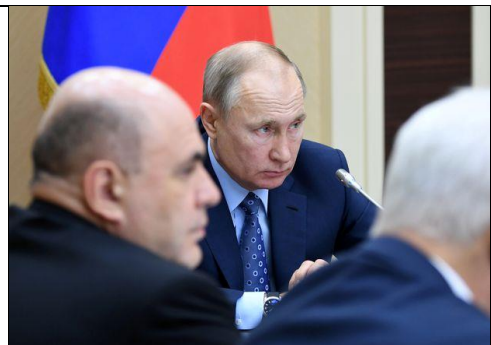


First cutting of steel to build a warship is, in these political-messaging times, increasingly becoming a significant date of interest. More so than keel-laying (which has become another political message) as cutting steel indicates something tangible (from the public perspective) has started being done to build a ship.

See: "Events in a Warship's Life" <https://rusi-ns.ca/events-in-a-warships-life/>

Russia poses most immediate military threat to Canada, top general says

<https://www.theglobeandmail.com/politics/article-russia-poses-most-immediate-military-threat-to-canada-top-general/>



"The most immediate state-sponsored military threat...that we face right now and today in physical space is Russia. I would say that China poses a more credible threat in cyberspace right now."



Norway's new F-35 scrambled for first time to meet Russian anti-sub aircraft

<https://thebarentsobserver.com/en/security/2020/03/norways-new-f-35-scrambled-first-time-meet-russian-anti-sub-aircraft>



Interceptor fighters are part of theatre (regional) anti-submarine warfare efforts.

Transatlantic-Narco-submarine-Galicia

<http://www.hisutton.com/Transatlantic-Narco-submarine-Galicia.html>



Really a semi-submersible boat rather than a submarine (boat). Still, might the Atlantic theatre anti-submarine warfare organization contribute (or is already contributing) to detecting these craft? Could be an interesting exercise. And an interesting flex of the civil-military recognized maritime picture.

The Army Just Tested Its New Supergun

[https://www.defenseone.com/technology/2020/03/army-just-tested-its-new-supergun/163604/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/technology/2020/03/army-just-tested-its-new-supergun/163604/?oref=defense_one_breaking_nl)



Very long range, very precise artillery. This is going to make 'the guns' even more dominant on the battlefield, whether that field is one of major conflict or of counter-insurgency. And naval types are going to have to be concerned, with the idea of a battery of such guns being able to reach so far off shore.

The Army is 'making artillery great again'

<https://www.armytimes.com/news/your-army/2020/03/11/the-army-is-making-artillery-great-again/>

Navy, Marines Tell Congress Emphasis on Arctic is Growing

<https://news.usni.org/2020/03/05/navy-marines-tell-congress-emphasis-on-arctic-is-growing>



"...U.S. capabilities in the Arctic is lagging what the Russians have already established, such as building ports, airfields and infrastructure to maintain force power projection." Yes, presence in the Arctic is a logistics challenge. Canada and allies operating there need the appropriate infrastructure

(sea ports, airports, navigation systems, logistics facilities) developed to support us operating in our Northern waters.

"..the (US) Navy had not made more progress evaluating potential deepwater Arctic ports..." Canada has a refuelling facility in Nanisivik, but what's the situation with Canadian northern deepwater ports? Can Churchill, Manitoba, be developed as a forward northern deep water port for use by Royal Canadian Navy and other Canadian government ships?

Canada funds development of COVID-19 'lab-in-a-box'

<https://www.cp24.com/news/canada-funds-development-of-covid-19-lab-in-a-box-1.4843774>



This reads like an approach that would be useful, in addition to in remote areas such as Canada's north, for deployed military operations when other diseases like COVID-19 are a concern.

Canada needs to address risks of aging IT to fend off threats that come with digital government

<https://www.cbc.ca/news/opinion/opinion-digital-government-cybersecurity-threats-1.5468328>



There really needs to be a whole-of-government approach to cyber war/ops. The Canadian Armed Forces has been operating in the cyber domain for years and would be (probably is) a great partner to the other federal departments. Hmm, is there a need for more joint (actually, federal departments use the term 'integrated') cyber organizations, plans, training and exercises?

Yes, and work with allies. "Pentagon push to boost cybersecurity could affect Canadian suppliers" (<https://www.cbc.ca/news/politics/pentagon-contractors-cyber-security-1.5487452>).

Truly, "we're at cyberwar every day."

China's New Silk Road Strategy and the Middle East

<https://besacenter.org/perspectives-papers/china-silk-road-middle-east/>



Building Great Power status through economic leverage. A form of economic warfare.

Could Armed Drone Swarms Really Wipe out All Submarines?

<https://nationalinterest.org/blog/buzz/could-armed-drone-swarms-really-wipe-out-all-submarines-130967>



"Future submarines will require capabilities to counter drone swarms."

Canada needs to develop (probably already is developing) underwater drone capabilities (unmanned underwater vehicles - UUV; and tactics). Beyond bottom survey and counter-mine.

Sonar Equipped Drone Fleets Could be Key to Future Submarine Warfare

<https://news.usni.org/2020/03/09/sonar-equipped-drone-fleets-could-be-key-to-future-submarine-warfare>

Royal Navy To Get First Large Autonomous Submarine

<https://www.forbes.com/sites/hisutton/2020/03/05/royal-navy-to-get-first-large-autonomous-submarine/#4e0048681f0b>



100 foot long 'XLUUV' (extra-large uncrewed underwater vehicle). Such vehicles (vessels) have the potential to allow navies huge underwater fleets. The underseas domain is going to get even more active.

Navy considering gender-neutral alternative to junior "seaman" ranks

<https://tnc.news/2020/03/06/navy-considering-gender-neutral-alternative-to-junior-seaman-ranks/>



Didn't seem to get much media pickup.

Aircraft breakdowns, refuelling problems hit military search-and-rescue missions

<https://www.todayville.com/aircraft-breakdowns-refuelling-problems-hit-military-search-and-rescue-missions/>



"...more than half (of search-and-rescue delays) were attributed to refuelling issues and breakdowns on the military's ancient search-and-rescue aircraft."

Bring on the CC295 fixed-wing search and rescue aircraft! By whatever name it is given.

Navy Says Ending Super Hornet Line Frees Up Resources for Life Extension Work

<https://news.usni.org/2020/03/10/navy-says-ending-super-hornet-line-frees-up-resources-for-life-extension-work>



Kinda wonder what ending the Super Hornet line does for the aircraft's competitiveness for the Royal Canadian Air Forces' future fighter capability project. We don't want to procure an aircraft that is difficult to support (or even to buy).

Yes, Boeing is trying to convert its production line from building new planes to overhauling old ones. But does that preclude Canada from getting new aircraft?

Austal USA Lays Keel of Future USS Canberra – 30th Littoral Combat Ship for the U.S. Navy

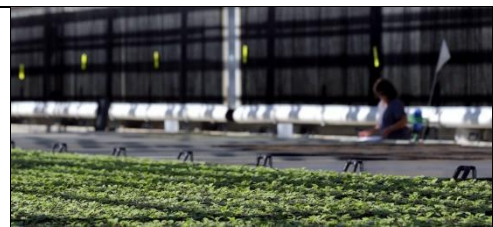
<https://www.navalnews.com/naval-news/2020/03/austal-usa-lays-keel-of-future-uss-canberra-30th-littoral-combat-ship-for-the-u-s-navy/>



Interesting that authentication of a warship's keel (a US Navy tradition, not Royal Canadian Navy) was done by a foreign dignitary (albeit why her is obvious). Whether she is also the ship sponsor is not evident, though that is unlikely.

BREAKING: We've Got The Vaccine, Says Pentagon-Funded Company







[https://www.defenseone.com/technology/2020/03/breaking-weve-got-vaccine-says-pentagon-funded-company/163739/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/technology/2020/03/breaking-weve-got-vaccine-says-pentagon-funded-company/163739/?oref=defense_one_breaking_nl)



Article from Defense One. It would be good news if the Vaccine cures COVID-19.



**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><a href="https://mailchi.mp/rusi.org/thisweek-6-march-167689?e=a539211a30">https://mailchi.mp/rusi.org/thisweek-6-march-167689?e=a539211a30</a></p>	
<p>More details on Operation Laser, the military contingency plan for response to a pandemic</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/more-details-on-operation-laser-the-military-contingency-plan-for-response-to-a-pandemic">https://ottawacitizen.com/news/national/defence-watch/more-details-on-operation-laser-the-military-contingency-plan-for-response-to-a-pandemic</a></p>	
<p>U.S. refuses entry to more than 100 people from Canada as a result of coronavirus measures</p> <p><a href="https://www.cbc.ca/news/SOMNIA-1.5487696">https://www.cbc.ca/news/SOMNIA-1.5487696</a></p>	
<p>US, UK Agree to 'Further' Restrict Huawei, Defense Secretary Says</p> <p><a href="https://www.defenseone.com/technology/2020/03/us-uk-agree-further-restrict-huawei-defense-secretary-says/163571/?oref=defenseone_today_nl">https://www.defenseone.com/technology/2020/03/us-uk-agree-further-restrict-huawei-defense-secretary-says/163571/?oref=defenseone_today_nl</a></p>	
<p>Military needs to be 30-per-cent women for real change: vice-admiral</p> <p><a href="https://www.msn.com/en-ca/news/canada/military-needs-to-be-30-per-cent-women-for-real-change-vice-admiral/ar-BB10NS4F?ocid=se2">https://www.msn.com/en-ca/news/canada/military-needs-to-be-30-per-cent-women-for-real-change-vice-admiral/ar-BB10NS4F?ocid=se2</a></p>	

Canadian and U.S. military equipment vulnerable to cyberattacks, top officials say

<https://www.msn.com/en-ca/news/canada/canadian-and-us-military-equipment-vulnerable-to-cyberattacks-top-officials-say/ar-BB10NuS2?ocid=se2>



Next-generation missiles could hold leaders hostage in times of conflict: top general

<https://www.cbc.ca/news/politics/hypersonic-vance-missile-threat-1.5486364>



More delays affect delivery of navy's new Arctic and Offshore Patrol Ships

<https://ottawacitizen.com/news/national/defence-watch/more-delays-affect-delivery-of-navys-new-arctic-and-offshore-patrol-ships>



Navy's aging warships getting harder to repair: Defence report

<https://www.msn.com/en-ca/news/canada/navys-aging-warships-getting-harder-to-repair-defence-report/ar-BB10QRss?ocid=se2>



COVID-19: 2 military members self-isolating at CFB Greenwood following return from Italy

<https://www.msn.com/en-ca/news/canada/covid-19-2-military-members-self-isolating-at-cfb-greenwood-following-return-from-italy/ar-BB10R4M9?ocid=se2>



Barred from Combat, These Women Rose to the Top of Military Intelligence

[https://www.defenseone.com/ideas/2020/03/barred-combat-these-women-rose-top-military-intelligence/163614/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/ideas/2020/03/barred-combat-these-women-rose-top-military-intelligence/163614/?oref=defense_one_breaking_nl)



North Korea fires 3 unidentified projectiles, says South Korea's military

[https://www.militarytimes.com/news/your-military/2020/03/08/north-korea-fires-3-unidentified-projectiles-says-south-koreas-military/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2003.09.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/news/your-military/2020/03/08/north-korea-fires-3-unidentified-projectiles-says-south-koreas-military/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.09.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Saab Announces 'Gripen for Canada Team'

<https://saabgroup.com/media/news-press/news/2020-03/saab-announces-gripen-for-canada-team/>



IMP joins bid to assemble Canada's new fighter jets in Nova Scotia

<https://www.thechronicleherald.ca/business/local-business/imp-joins-bid-to-assemble-canadas-new-fighter-jets-in-nov><https://www.heritage.org/defense/report/the-f-35a-the-worlds-most-dominant-cost-effective-fighter-the-air-force-needs-0a-scotia-419518/>



The F-35A Is the World's Most Dominant, Cost-Effective Fighter: The Air Force Needs to Accelerate Its Acquisition Now

<https://www.heritage.org/defense/report/the-f-35a-the-worlds-most-dominant-cost-effective-fighter-the-air-force-needs-0>





Poll: Germans, Americans far apart on use of military, defense spending

[https://www.defensenews.com/global/europe/2020/03/09/poll-germans-americans-far-apart-on-use-of-military-defense-spending/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2003.10.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/global/europe/2020/03/09/poll-germans-americans-far-apart-on-use-of-military-defense-spending/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.10.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



North Korea seeks attention with weapons test: Seoul

[https://www.spacewar.com/reports/North\\_Korea\\_seeks\\_attention\\_with\\_weapons\\_test\\_Seoul\\_999.html](https://www.spacewar.com/reports/North_Korea_seeks_attention_with_weapons_test_Seoul_999.html)



Australian air force takes lead on tri-national Cope North 2020 humanitarian exercise

<https://www.airforcetimes.com/news/your-military/2020/03/10/australian-air-force-takes-lead-on-tri-national-cope-north-2020-exercise/>



Canadian, U.S. fighter jets intercept Russian aircraft off Alaskan coast

<https://panow.com/2020/03/10/canadian-u-s-fighter-jets-intercept-russian-aircraft-off-alaskan-coast/>





Government doesn't know when a defence procurement agency might be created

<https://ottawacitizen.com/news/national/defence-watch/government-doesnt-know-when-a-defence-procurement-agency-will-be-created>



Lt. Gen. Lanthier to retire, new VCDS to be named in the coming weeks

<https://ottawacitizen.com/news/national/defence-watch/lt-gen-lanthier-to-retire-new-vcds-to-be-named-in-the-coming-weeks>



Intercepted Russian reconnaissance aircraft were watching US submarines during ICEX

[https://www.militarytimes.com/flashpoints/2020/03/11/intercepted-russian-reconnaissance-aircraft-were-watching-us-submarines-during-icex/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2003.12.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/flashpoints/2020/03/11/intercepted-russian-reconnaissance-aircraft-were-watching-us-submarines-during-icex/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2003.12.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



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

#### **#administration**

Bots bring automation to the war on data entry

<https://www.c4isrnet.com/c2-comms/2020/03/11/bots-bring-automation-to-the-war-on-data-entry/>

Win the war against paperwork!

#### **#army weapons**

What's next for the Carl G?

<https://canadianarmytoday.com/whats-next-for-the-carl-g/>

#### **#cybersecurity**

Cybersecurity in defence procurement

<https://www.navalreview.ca/2020/03/cybersecurity-in-defence-procurement/>

### #drone

The Center for the Study of the Drone

<https://dronecenter.bard.edu/>

### #future fighter capability project

The Story So Far...

[bestfighter4canada.blogspot.com/2020/03/the-story-so-far.html](http://bestfighter4canada.blogspot.com/2020/03/the-story-so-far.html)

### #hypersonics

Report on U.S. Hypersonic Weapon Development

<https://news.usni.org/2020/03/06/report-on-u-s-hypersonic-weapon-development>

### #information operations

5 quick ways we can all double-check coronavirus information online

<https://firstdraftnews.org/latest/5-tips-ways-we-can-all-covid19-check-coronavirus-information-online-fake-disinformation-misinformation/>

Occupy the Information Space!

<https://euvsdisinfo.eu/occupy-the-information-space/>

### Other:

#### 2020 FLAGS OF REMEMBRANCE

<https://vetvoicecan.org/flags-of-remembrance-2/>

Veterans Voices of Canada has approached me to co-ordinate their fall 2020 event (Flags of Remembrance). As such, I would like to extend the invitation to members of RUSI Nova Scotia to identify members who may be interested/available to assist with the organization of this first (in Halifax) annual event in the fall of 2020.



I am seeking members to join an organizing committee with the objective of:

“Veterans Voices of Canada WITH OUR HOST COMMUNITY PARTNERS raises 128 full sized Canadian flags in our host communities, representing the 128,000 Canadian military and RCMP killed and missing in action service personnel lost in service from the Boer War to current missions. Plaques of Honour can be in tribute to past or present military or First Responder servicemen and women at Citadel Hill on Saturday, September 12th, 11:30am”.

As a newly retired service member, I know that this remembrance ceremony provides the opportunity for communities to learn more about our veteran’s sacrifices. It also allows Veteran’s Voices of Canada with the ability to carry on their work capturing veteran’s stories across Canada. However, it is first and foremost an act of Remembrance.

I would appreciate if you would distribute the message above to our membership in order to identify potential volunteers, and to spread the word about this wonderful activity to our Halifax members.

Thank you in advance.

Maj (ret) Marcus Brauer

(902) 466-4339

Russian Navy Recovers Torpedo Boat Lost During the Siege of Sevastopol

<https://seawaves.com/?p=556>

Hmm, kinda see the antecedent of the submarine (submarine torpedo boat) in this Russian torpedo boat.



## HMCS SACKVILLE - K181



### Just For The Hull Of It Campaign

Funds raised during the campaign will be designated to the CNMT Preservation Fund for the critical and necessary work to safeguard the ship.

#### How Can You Help ?

The financial support from members of the Canadian Naval Memorial Trust and Canadians (individuals and corporate) from across the country is crucial to the success of this project. Your contribution, large or small, will help. An official tax receipt will be issued for a donation of \$10 or more.

For more information and to view and/or download a campaign brochure click on the attached link.

