



## Royal United Services Institute of Nova Scotia Dispatches 28 February 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).

### 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.

**3 March**, Tuesday - Distinguished Speaker Colonel RT Strickland, Commandant Canadian Army Command and Staff College Kingston, titled "Strategy, COIN, and Contribution Warfare: A Perspective on Canada in Afghanistan." 1700-1900. Royal Artillery Park Officers' Mess.

**4 March**, Wednesday - RUSI(NS) **Annual General Meeting**. Noon start. Royal Artillery Park Officers' Mess.

**18 March**, Wednesday - Distinguished Speaker Dr Jonathan Fowler, Saint Mary's University, titled "The Historical Archaeology of Halifax's Earliest Defences." 1100-1300 (**note** difference from our usual timings). Royal Artillery Park Officers' Mess.

**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.

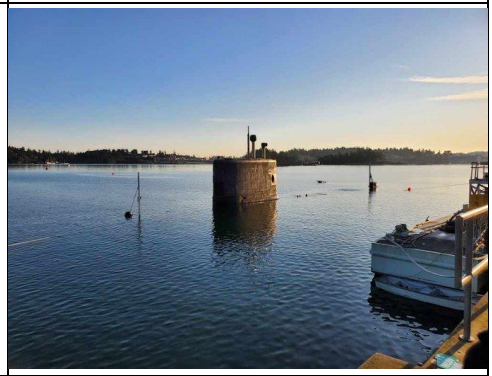
5thCanadianDivision @5CdnDiv 20 Feb tweeted and RUSI(NS) retweeted: The #MightyMaroonMachine was proud to represent the @CanadianForces as The Honourable Labi Kousoulis @NSLAE @NSLeg announced important legislative changes in support of our Reserve Force members. Visit <https://bit.ly/2T3Sgyn> #StrongProudReady CA🇨🇦✘🇨🇦 #CAF #NovaScotia (Province Enhancing Job Protections for Reservists <https://novascotia.ca/news/release/?id=20200220004>)



Canadian Global Affairs Institute @CAGlobalAffairs 20 Feb tweeted and RUSI(NS) retweeted: The security environment is swiftly evolving — how can the #RCAF be better at budgeting and planning to adapt to it? Ross Fetterly examines in a CGAI policy perspective: <https://cgai.ca/use-it-or-lose-it-corporate-over-planning-in-the-air-force> (Use it or Lose it: Corporate Over-Planning in the Air Force)



MARPAC/FMAR(P) @MARPA\_CFMARP 20 Feb tweeted: The @RoyalCanNavy and the #CANSUBFOR reached a major milestone as #HMCSVictoria carried out her Camber Dive. This trial is an important step following a work period. Next step will be her return to sea! #WeTheNavy #ReadyAyeReady #CANSUBFOR #SilentService AnchorFlexed biceps RUSI(NS) retweeted: Safety of the boat & her submariners is the priority when operating a submarine force. Strategic asset, not easily developed, challenging to retain. CAN🇨🇦 needs plan for Victoria-class #submarine replacement soon



#RCAF CP140 Aurora Block IV long-range patrol aircraft flight testing at 14 Wing Greenwood NS. Block IV mods include beyond-line-of-sight satellite communication, Link 16 Tactical Data Link, & a self-defence system. Block by Block <https://ww.canada.ca/en/department-national-defence/services/procurement/cp-140-aurora.html#shr-pg0>



CBC News @CBCNews 25 Feb tweeted: The federal government has spent slightly more than \$1 billion over the last seven years on design and preparatory contracts for the navy's new frigates and supply ships. The projects still haven't bought anything that floats. <https://cbc.ca/1.5474312> @Murray\_Brewster (\$1 billion and counting: Inside Canada's troubled efforts to build new warships <https://www.cbc.ca/news/politics/frigates-joint-supply-ships-navy-procurement-canada-1.5474312>) RUSI(NS) retweeted: Major crown defence projects, especially large warships, are complex undertakings with many phases & outlays <https://www.canada.ca/en/department-national-defence/services/procurement/defence-purchases-and-upgrades-process.html> Not unreasonable to expend \$1B in 7 years, particularly since CANC needed to rebuild shipbuilding capability under National Shipbuilding Strategy



Canadian Armed Forces Operations @CFOperations 20 Feb tweeted and RUSI(NS) retweeted: A few weeks ago the CAF deployed a CC-177 Globemaster aircraft to assist with bushfire relief efforts in Australia and:  
delivered 75k lbs of fire retardant  
airlifted 3 helicopters  
transported 44 personnel  
That's 219k lbs of cargo! #OpRENAISSANCE #OpBushfire

# CANADIAN ARMED FORCES AIRLIFT SUPPORT

Operation RENAISSANCE 20-01 - the Canadian Armed Forces' contribution to the Global Affairs Canada-led Whole of Government humanitarian assistance effort in Australia.

From January 28 to February 6, 2020 the CAF deployed a CC-177 Globemaster aircraft to assist with bushfire relief efforts.

The aircraft provided airlift support, reducing demands on Australian airlift and freeing them up for ongoing firefighting tasks.



**During Operation RENAISSANCE 20-01, the CC-177 Globemaster transported a total of 219k lbs of cargo including:**

- 75k lbs of fire retardant from Nellis Air Force Base, USA to Richmond Royal Australian Air Force Base, Australia.
- Three NH-90 helicopters from Nowra, Australia to Royal New Zealand Air Force Base Ohakea, New Zealand.
- 44 personnel between Australia and New Zealand.



Canadian Armed Forces Operations @CFOperations 24 Feb tweeted and RUSI(NS) retweeted: Approximately 400 #CAF members, 863 tasks completed... #OPLENTUS 2020-01 – Newfoundland snowstorm January 2020

# Operation LENTUS 20-01

January 19 to 28, 2020

Joint Task Force Atlantic supported the Province of Newfoundland and Labrador following a major snowstorm.

Approximately **400** soldiers, sailors and aviators completed **863** tasks:

- Wellness checks of vulnerable citizens
- Snow removal supporting citizens
- Removal of snow blocking access to critical infrastructure

**Units deployed:**

- Joint Task Force Atlantic
- 5 Canadian Division
- 37 Canadian Brigade Group
- HMCS *Cabot*
- 5 Wing Goose Bay
- 8 Wing Trenton
- 9 Wing Gander
- 12 Wing Shearwater
- 14 Wing Greenwood



**Supporting Aircraft:**

- CH-146 Griffon
- CH-148 Cyclone
- CC-130H Hercules
- CC-130J Hercules
- CH-149 Cormorant



Twitter is testing new ways to fight misinformation — including a community-based points system <https://www.nbcnews.com/tech/tech-news/twitter-testing-new-ways-fight-misinformation-including-community-based-points-n1139931>  
Hopefully followers of @RUSI\_NS will never see any red or orange badges below our tweets..

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

The Navy Wants A Rapidly Deployable Version Of Its Cold War Era Submarine Monitoring Network

<https://www.thedrive.com/the-war-zone/32319/the-navy-wants-a-containerized-sub-tracking-sonar-that-can-be-left-at-sea-for-long-periods>



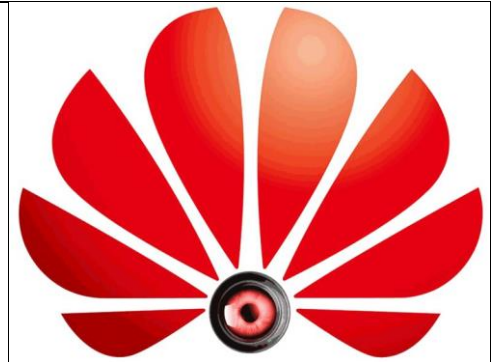
Standard (ISO) containers for sensors (and weapons). Vessels can be a 'trucks' to carry containers with capabilities not normally fitted to the ships - an advance on the 'fitted for but not with' concept. The Royal Canadian Navy's Arctic and Offshore Patrol Vessels being built under the Arctic and Offshore Patrol Ship project are designed to carry multiple containers. The vessels can be outfitted to operate as more potent warships than the fitted guns and sensors lead some people to think.

And think what could be done with other Canadian government and civil vessels (vessels of opportunity - VOO) taken up to perform defence and security missions.

An initialism/acronym-rich article. But informative, and not just from an equipment/kit perspective. The points on theatre anti-submarine warfare are important to hoist in. Canada is part of this effort, as are other allies of the United States.

Exclusive: Did Huawei bring down Nortel? Corporate espionage, theft, and the parallel rise and fall of two telecom...

<https://nationalpost.com/news/exclusive-did-huawei-bring-down-nortel-corporate-espionage-theft-and-the-parallel-rise-and-fall-of-two-telecom-giants>



Huawei versus Nortel. This article is a handy illustration of that remark attributed to Mao Tse Tung, 'Use the past to serve the present; use the West to serve China.'

The Privatization of Migration Control

<https://www.cigionline.org/articles/privatization-migration-control>



"A lack of technical capacity within government can lead to a potentially inappropriate reliance on the private sector." Is that a problem, especially here in Canada? If so, develop the technical capacity within the Canadian government. We've already seen this issue from when governments to past decades reduced expertise within the Department of National Defence, etc., which used to staff major

crown projects such as shipbuilding. Now Canada is paying out large amounts of money to the builders to provide that expertise.

If the tools are useful for controlling our borders, then ensure there are enough of our border security personnel with the appropriate training to develop and use the tools properly. That actually might reduce the amount of regulation and oversight necessary and as seem to be called for by the article's author.

#### How to Fix U.S. Special Operations Forces

[https://warontherocks.com/2020/02/how-to-fix-u-s-special-operations-forces/?utm\\_source=WOTR+Newsletter&utm\\_campaign=fd8847de01-EMAIL\\_CAMPAIGN\\_10\\_30\\_2018\\_11\\_23\\_COPY\\_01&utm\\_medium=email&utm\\_term=0\\_8375be81e9-fd8847de01-82904617](https://warontherocks.com/2020/02/how-to-fix-u-s-special-operations-forces/?utm_source=WOTR+Newsletter&utm_campaign=fd8847de01-EMAIL_CAMPAIGN_10_30_2018_11_23_COPY_01&utm_medium=email&utm_term=0_8375be81e9-fd8847de01-82904617)



This is a worthwhile War on the Rocks read, particularly from a perspective of institutional oversight and change.

Howard Coombs, CDAI

**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.



<https://mailchi.mp/rusi.org/thisweek-14-february-167565?e=a539211a30>



#### Carrier Ike officially deploys

[https://www.navytimes.com/news/your-navy/2020/02/20/carrier-ike-officially-deploys/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%20022120&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.navytimes.com/news/your-navy/2020/02/20/carrier-ike-officially-deploys/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%20022120&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Russian patrol vehicle in clash with US convoy in Syria violated deconfliction rules, OIR says

[https://www.militarytimes.com/flashpoints/2020/02/20/centcom-reviewing-road-clash-incident-between-us-and-russian-forces-in-syria/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2022120&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/flashpoints/2020/02/20/centcom-reviewing-road-clash-incident-between-us-and-russian-forces-in-syria/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2022120&utm_term=Editorial%20-%20Early%20Bird%20Brief)



India clears \$2.12 billion purchase of Hellfire-equipped naval helicopters

[https://www.defensenews.com/naval/2020/02/20/india-clears-212-billion-purchase-of-hellfire-equipped-naval-helicopters/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2022120&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/naval/2020/02/20/india-clears-212-billion-purchase-of-hellfire-equipped-naval-helicopters/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2022120&utm_term=Editorial%20-%20Early%20Bird%20Brief)



The West Can't Even Agree on Itself, Much Less China

[https://www.defenseone.com/ideas/2020/02/west-cant-even-agree-itself-much-less-china/163261/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/ideas/2020/02/west-cant-even-agree-itself-much-less-china/163261/?oref=defense_one_breaking_nl)



Canadian Space Agency searching for young astronauts

<https://www.cbc.ca/radio/quirks/canadian-space-agency-searching-for-young-astronauts-1.5471149>



How China's Incompetence Endangered the World

[https://foreignpolicy.com/2020/02/15/coronavirus-xi-jinping-chinas-incompetence-endangered-the-world/?utm\\_source=PostUp&utm\\_medium=email&utm\\_campaign=19822&utm\\_term=Editor#39;s%20Picks%20OC&?tpcc=19822](https://foreignpolicy.com/2020/02/15/coronavirus-xi-jinping-chinas-incompetence-endangered-the-world/?utm_source=PostUp&utm_medium=email&utm_campaign=19822&utm_term=Editor#39;s%20Picks%20OC&?tpcc=19822)



Taiwan's Military Is a Hollow Shell

[https://foreignpolicy.com/2020/02/15/china-threat-invasion-conscription-taiwans-military-is-a-hollow-shell/?utm\\_source=PostUp&utm\\_medium=email&utm\\_campaign=19822&utm\\_term=Editor#39;s%20Picks%20OC&?tpcc=19822](https://foreignpolicy.com/2020/02/15/china-threat-invasion-conscription-taiwans-military-is-a-hollow-shell/?utm_source=PostUp&utm_medium=email&utm_campaign=19822&utm_term=Editor#39;s%20Picks%20OC&?tpcc=19822)



Nova Scotia could see limited internet voting for military with proposed changes

<https://globalnews.ca/news/6579176/nova-scotia-could-see-limited-internet-voting-for-military-with-proposed-changes/>



Veterans Affairs taking a harder line on therapy for families of former soldiers, ombudsman says

<https://www.cbc.ca/news/SOMNIA-1.5472252>



Upgraded RCAF Aurora aircraft conducts initial flight test

<https://www.msn.com/en-ca/news/canada/upgraded-rcaf-aurora-aircraft-conducts-initial-flight-test/ar-BB10jfWe?ocid=se2>



Thai Air Force releases wish list for the next decade

[https://www.defensenews.com/global/asia-pacific/2020/02/21/thai-air-force-releases-wish-list-for-the-next-decade/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2002.24.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/global/asia-pacific/2020/02/21/thai-air-force-releases-wish-list-for-the-next-decade/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.24.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)





\$1 billion and counting: Inside Canada's troubled efforts to build new warships

<https://www.cbc.ca/news/SOMNIA-1.5474312>



Canada extends deadline for fighter jet proposals

<https://ottawacitizen.com/news/national/defence-watch/canada-extends-deadline-for-fighter-jet-proposals>



It's Time to Talk About Taiwan

[https://www.defenseone.com/ideas/2020/02/its-time-talk-about-taiwan/163291/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/ideas/2020/02/its-time-talk-about-taiwan/163291/?oref=defenseone_today_nl)



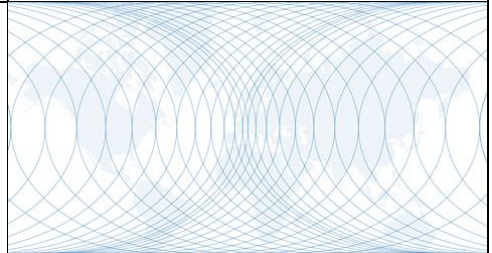
Germany's to-do list: A spring of (in)decisions is brewing in Berlin

[https://www.defensenews.com/smr/munich-security-conference/2020/02/24/germanys-to-do-list-a-spring-of-indecisions-is-brewing-in-berlin/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2002.25.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/smr/munich-security-conference/2020/02/24/germanys-to-do-list-a-spring-of-indecisions-is-brewing-in-berlin/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2002.25.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



The Canadian Geopolitical Dynamic

<https://geopoliticalfutures.com/the-canadian-geopolitical-dynamic/>



Canadian government delays purchase of new fighter jets another three months to ensure high-quality bids

<https://nationalpost.com/news/canadas-quest-to-buy-new-fighter-jets-delayed-another-three-months>



Tracking the Integrated Review

<https://mailchi.mp/rusi.org/tracking-the-integrated-review?e=a539211a30>



Diplomats warned federal government about getting too tight with China, committee hears

<https://www.cbc.ca/news/SOMNIA-1.5476075>



NATO Has 'Growing Realization' About Risks of Using Huawei Gear, Top General Says

[https://www.defenseone.com/threats/2020/02/nato-has-growing-realization-about-risks-using-huawei-gear-top-general-says/163318/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/threats/2020/02/nato-has-growing-realization-about-risks-using-huawei-gear-top-general-says/163318/?oref=defenseone_today_nl)



Britain confirms new nuclear warhead project after US officials spill the beans

[https://www.defensenews.com/global/europe/2020/02/25/britain-confirms-new-nuclear-warhead-project-after-us-officials-spill-the-beans/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%20202.26.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/global/europe/2020/02/25/britain-confirms-new-nuclear-warhead-project-after-us-officials-spill-the-beans/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%20202.26.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Financing Capital Assets: The Missing Link in Defence Procurement

[https://www.cgai.ca/financing\\_capital\\_assets\\_the\\_missing\\_link\\_in\\_defence\\_procurement?utm\\_campaign=pp\\_financingcapitalassets&utm\\_medium=email&utm\\_source=cdfai](https://www.cgai.ca/financing_capital_assets_the_missing_link_in_defence_procurement?utm_campaign=pp_financingcapitalassets&utm_medium=email&utm_source=cdfai)



Gen. Vance is going nowhere, at least for now – top military leader to stay on

<https://ottawacitizen.com/news/national/defence-watch/gen-vance-is-going-no-where-at-least-for-now-top-military-leader-to-stay-on>



Chief of Defence Staff Gen. Jonathan Vance. SEAN KILPATRICK/THE CANADIAN PRESS/FILE

Pentagon Wants To Start Testing New 5G Tech Soon

[https://www.defenseone.com/technology/2020/02/pentagon-wants-start-testing-new-5g-tech-soon/163359/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/technology/2020/02/pentagon-wants-start-testing-new-5g-tech-soon/163359/?oref=defenseone_today_nl)



British prime minister sets deadline for defense, foreign policy review

[https://www.defensenews.com/global/europe/2020/02/26/british-prime-minister-sets-deadline-for-defense-foreign-policy-review/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%20202.27.20&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/global/europe/2020/02/26/british-prime-minister-sets-deadline-for-defense-foreign-policy-review/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%20202.27.20&utm_term=Editorial%20-%20Early%20Bird%20Brief)



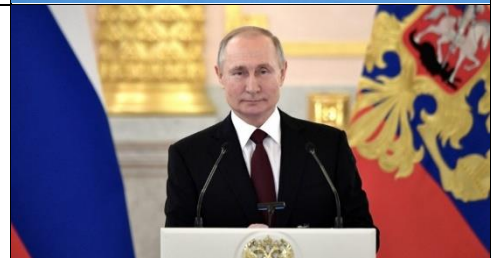
Disposal of RCAF Buffalo aircraft still undecided – questions remain about how many will be sent to museums

<https://ottawacitizen.com/news/national/defence-watch/disposal-of-rcaf-buffalo-aircraft-still-undecided-questions-remain-about-how-many-will-be-sent-to-museums>



Understanding Russian Subversion

[https://www.rand.org/pubs/perspectives/PE331.html?utm\\_source=WhatCountsEmail&utm\\_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm\\_campaign=AEM:631600804](https://www.rand.org/pubs/perspectives/PE331.html?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804)



Israel Buys Stealth & Lotsa Weapons: 2nd Squadron Of F-35s & F-15s

<https://breakingdefense.com/2020/02/israel-buys-stealth-lotsa-weapons-2nd-squadron-of-f-35s-f-15s/>



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

### **#A2R**

Fixing the Talent Gap in Armed Forces Worldwide

<https://www.bcg.com/publications/2020/fixing-talent-gap-armed-forces-worldwide.aspx>

### **#Arctic**

Why Canada’s North Warning System Needs an Overhaul

<https://www.macdonaldlaurier.ca/canadas-north-warning-system-needs-overhaul-new-mli-commentary/>

### **#air power**

A Unified Framework of Air Power Studies

<https://balloonstodrones.com/2020/02/23/a-unified-framework-of-air-power-studies/>

### **#border security**

Border Patrol Seeks Automated Sensors to Cover Watery Blindspots

<https://www.defenseone.com/technology/2020/02/border-patrol-seeks-automated-sensors-cover-watery-blindspots/163231/>

### **#future fighter**

Canada Needs New Aircraft, Could The F-35 Fit The Bill?

<https://nationalinterest.org/blog/buzz/canada-needs-new-aircraft-could-f-35-fit-bill-125556>

### **#logistics**

The Water in the Well – How Much Readiness is Enough?

<https://logisticsinwar.com/2020/02/22/the-water-in-the-well-how-much-readiness-is-enough-2/>

### **#medicine**

‘Paint’ that Purports to Regrow Wounded Troops’ Bones Moving Toward FDA Testing

<https://www.military.com/daily-news/2020/02/20/paint-purports-regrow-wounded-troops-bones-moving-toward-fda-testing.html>

### **#migration**

World Migration Report 2020

<https://publications.iom.int/books/world-migration-report-2020>

"World Migration Report 2020, produced to contribute to increased understanding of migration throughout the world, presents key data and information on migration as well as thematic chapters on highly topical migration issues, and is structured to focus on: key information on migration and migrants (including migration-related statistics); and balanced, evidence-based analysis of complex and emerging migration issues."

### **#naval operations**

An Increasingly Volatile International Environment Opens New Fronts for European Navies

<https://rusi.org/commentary/increasingly-volatile-international-environment-opens-new-fronts-european-navies>

### **#Royal Canadian Navy**

Submarine Matters: Canada's short ranged (4,000nm!) Victoria class submarines

<http://gentleseas.blogspot.com/2020/02/canadas-short-ranged-4000nm-victoria.html>

### **#United States**

State of Defense 2020: Special Report

[https://www.defenseone.com/ideas/2020/02/state-defense-2020-special-report/163227/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/ideas/2020/02/state-defense-2020-special-report/163227/?oref=defense_one_breaking_nl)

### **#wargaming**

Exercise SEA DRAGON with Von Lambert and Tyler Quinn

<http://cimsec.org/sea-control-160-exercise-sea-dragon-with-von-lambert-and-tyler-quinn/43097>

The links in this article are interesting, especially the "Wargaming Lessons from Exercise SEA DRAGON" (<https://warontherocks.com/2020/01/wargaming-lessons-from-exercise-sea-dragon/>).

Other:



Defense One eBooks and Special Reports

<https://link.defenseone.com/view/56c715c86e4adc434d8b5279bmvcr.87c/1edde9c2>