



## Royal United Services Institute of Nova Scotia

### Dispatches

21 June 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/dispatches/>. Note that links of 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.

Everyone is encouraged to email to the CIO links and other content to be included in *Dispatches*. Comments to articles can be from members or non-members of RUSI(NS). 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. The most recent four editions are posted at: <https://rusi-ns.ca/defence-and-security-newsletter/>. If you are interested in receiving the newsletter, 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.

**17 July**, Wednesday - Distinguished Speaker TBA, speaking on Defence procurement from the industry perspective. 1130-1330. Royal Artillery Park Officers' Mess.

**21 August**, Wednesday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess.

**18 September**, Wednesday - Distinguished Speaker TBA. 1130-1330. Royal Artillery Park Officers' Mess.




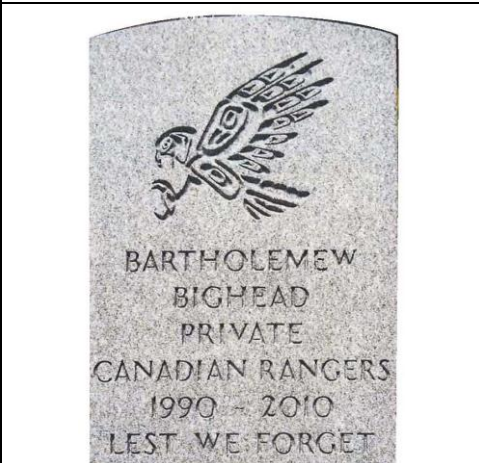
**6 November**, Wednesday – **save the date** for the RUSI(NS) 2019 Remembrance Dinner. Evening, Royal Artillery Park Officers' Mess.

#### Publications:

RUSI(NS) Information Note “Defence Project ‘Quad Charts’,” 5 June 2019  
<https://rusi-ns.ca/defence-project-quad-charts/>

The Military Institute of Windsor Communiqué, Volume XXXVII, Number 6, June 2019 is available on request to [RUSINovaScotia@gmail.com](mailto: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](mailto:RUSINovaScotia@gmail.com).  
Original article title in parentheses.

<p>"Closing Time - Assessing the Iranian Threat to the Strait of Hormuz" <a href="https://www.mitpressjournals.org/doi/abs/10.1162/isec.2008.33.1.82">https://www.mitpressjournals.org/doi/abs/10.1162/isec.2008.33.1.82</a> 2008 analysis but always good to refresh knowledge/lessons from history. This is a maritime commons/ sea lane of communications that is centre of attention</p>	
<p>Canadian Armed Forces Operations @CFOperations 14 Jun tweeted: Op PRESENCE-Mali - Canada is confirming that the Air Task Force will begin its gradual departure at the end of July. The Air Task Force's operations will be gradually scaled down and limited to medical evacuation tasks until 31 Aug, 2019. <a href="https://bit.ly/2WJ89dn">https://bit.ly/2WJ89dn</a> pic.twitter.com/Y2S6uH4ltM (Canada plans responsible departure from Mali peacekeeping mission) RUSI(NS) retweeted: #OpPRESENCE <a href="https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-presence.html">https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/op-presence.html</a> #UN #MLI #MINUSMA #RCAF #medevac (Operation PRESENCE - Mali)</p>	
<p>#Drone which can be launched from patrol aircraft &amp; is equipped with sensor to detect #submarines could be tremendous capability multiplier <a href="https://www.militaryaerospace.com/unmanned/article/1403479/5/antisubmarine-warfare-asw-uav-magnetic-anomaly-detector-mad">https://www.militaryaerospace.com/unmanned/article/1403479/5/antisubmarine-warfare-asw-uav-magnetic-anomaly-detector-mad</a> Will #RCAF obtain #ASW #UAV to launch from #CP140 Aurora? Like having a squadron in 1 a/c! (Industry asked to develop magnetic anomaly detector (MAD)-equipped UAV for anti-submarine warfare)</p>	
<p>Indigenous Unmarked Grave Program <a href="http://www.lastpostfund.ca/EN/IUGP.php">http://www.lastpostfund.ca/EN/IUGP.php</a> If a family member or a member of community may qualify for this program, or to contribute to research effort, contact Last Post</p>	

Shipfax analysis of #CCG future fleet "Seaspan, Davie follow up" <http://shipfax.blogspot.com/2019/06/seaspan-davie-follow-up.html> Sees opportunities for debate on 2nd heavy icebreaker & announcements before fall @CoastGuardCAN @MoreThanShips @ChantierDavie @IrvingShipbuild



#RCNavy frigate #MCSRegina transits Taiwan Strait <https://www.taiwannews.com.tw/en/news/3727436> "warship's passage from South China Sea to East China Sea ... is symbolic gesture to defy China's claim to exclusive ownership of all three bodies of water & ensure freedom of navigation in region" (Canadian warship makes rare patrol through Taiwan Strait)



Fascinating talk 19Jun19 to RUSI(NS)&guests by Dr Garry Heard DRDC(A) on @NationalDefence research&development in #Arctic. Great work being done measuring conditions (they're changing, & fast!) & activities (surface&underwater), especially using #drones & long-range sensors



Request For Information <https://buyandsell.gc.ca/procurement-data/tender-notice/PW-QD-029-27364> #RCNavy requires "alternate airborne platform" (#drone #UAS) that can be operated from Halifax-class frigate to provide near real-time, over-the-horizon intelligence, surveillance, target acquisition & reconnaissance information (RFI for RCN ISTAR UAS project)



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

How China Could Shut Down America's Defenses

<https://foreignpolicy.com/2019/06/11/how-china-could-shut-down-americas-defenses-rare-earth/>



There are various forms of wars ongoing one of which is economic (#ecowar, and its subset #finwar). Part of the 'Phase 0' activities between (mostly major) states, establishing conditions for greater action.

Canada needs to consider its vulnerability to a lack of rare-earth and other important resources. There are many critical infrastructure vulnerability studies, surely there are critical resource studies. Hmm, opportunity for a defence analyst or student to do a strategic resource paper?

### House, Senate Defense Bills Tough on Littoral Combat Ship Programs

<https://news.usni.org/2019/06/13/house-senate-defense-bills-tough-on-littoral-combat-ship-programs>



The US House Armed Services Committee "approved a requirement for the Navy to study the prospect of buying a version of the Coast Guard's Fast Response Cutter..."

"The idea is for the Navy to consider basing these smaller patrol vessels in Bahrain where they would operate in the littoral waters of the Persian Gulf."

There are good reasons why a navy procures a range of vessels from high-capability ('high end') combatants such as cruisers and destroyers to (usually smaller, slower and lightly armed) low-capability ('low end') patrol vessels and coastal combatants. That is what being a balanced navy is about. A balanced navy is more efficient - cost and employment effective. Details of the balance depend on the national geo-strategic situation and resulting requirements. The Royal Canadian Navy is somewhat in a balanced position: frigates at the high end, large patrol vessels (Harry DeWolf-class Arctic and Offshore Patrol Vessels) in the middle, and small patrol vessels (Kingston-class mine warfare vessels) at the low end. Putting aside requirements for logistics vessels, drones and submarines, some high-end destroyers (or frigates approaching destroyer capability) are needed but otherwise Canada seems to be well off. What is important is to keep shipbuilding ongoing to keep it that way.

### Saab's Gripen is out of the running in Swiss aircraft race

<https://www.defensenews.com/global/europe/2019/06/14/saabs-gripen-is-out-of-the-running-in-swiss-aircraft-race/>



"The reason is that the flight tests have been designed to only evaluate aircraft that are operationally ready in 2019..."

One wonders whether this requirement has a parallel amongst those of Canada's future fighter (CF188 Hornet replacement) competition and would affect participation of the Gripen E.

## Why America Needs a New Way of War

<https://www.cnas.org/publications/reports/anawow>



30 years of focus on regional wars have left the US military vulnerable to major powers acting on a global scale who purposely erode international confidence in the US but avoid direct engagement of US forces. The author offers no solution, stating his purpose is to define the problem, but suggests the 2018 National Defence Strategy (NDS 2018) is on the right track by identifying China and Russia as America's principal adversaries, and by applying power instruments other than military force (e.g., trade interruption) to achieve corrective action.

Critics disagree, suggesting NDS 2018 is based on fears of global conspiracy against the US, incites paranoia, and risks invoking a Cold War that will disproportionately harm US (and Allied) interests. The National Defense Strategy Is No Strategy

<https://www.defenseone.com/ideas/2019/04/national-defense-strategy-no-strategy/156068/>

Summary of the 2018 National Defense Strategy of The United States of America

<https://dod.defense.gov/Portals/1/Documents/pubs/2018-National-Defense-Strategy-Summary.pdf>

## UK's special forces set for new Russia mission

<https://www.bbc.com/news/uk-48624982>



Less kinetic, closer cooperation with allied intelligence agencies and national foreign intelligence service. More combative in the 'grey zone?' Is this the future of special operations?

## Iran attacks another American drone over Strait of Hormuz

<https://ukdefencejournal.org.uk/iran-attacks-another-american-drone-over-strait-of-hormuz/>



Now this could lead to some interesting legal articles for quite the while.

Intentional or not, Canadian warship's Taiwan Strait journey sends a message

<https://torontosun.com/opinion/columnists/furey-intentional-or-not-canadian-warships-taiwan-strait-journey-sends-a-message>



"Whatever the real story behind why the HMCS Regina travelled the way it did, this transit should be celebrated by those Canadians who want to see their country push back against China's excessive demands of the world."

Royal Air Force 'wings' Brevets in Second World War Propaganda

<https://balloonstodrones.com/2019/06/20/royal-air-force-wings-brevets-in-second-world-war-propaganda/>



Whilst many Canadians know the word brevet to mean a rank rewarded for merit or gallantry, the word also has the additional meaning of 'badge' in the Royal Air Force and British Army. It is unknown to me if the word is in use in the Royal Canadian Air Force (RCAF) and Canadian Army. 'Wings' is often heard when reference is being made to RCAF badges; colloquial or not 'wings' is so common that other terms really are not in use. Somewhat a loss - brevet appears to be a good word that the Canadian Armed Forces could adopt when talking about qualification badges.

**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.



This Week



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

KC-46 refueling system flaws will take years to fix and cost hundreds of millions, GAO says

<https://www.airforcetimes.com/news/your-air-force/2019/06/13/kc-46-refueling-system-flaws-will-take-years-to-fix-and-cost-hundreds-of-millions-of-dollars-gao-says/>



US Blames Tanker Attacks On Iran; CENTCOM Releases Surveillance Video

[https://www.defenseone.com/threats/2019/06/pompeo-blames-tanker-attacks-iran-offers-no-evidence/157719/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/threats/2019/06/pompeo-blames-tanker-attacks-iran-offers-no-evidence/157719/?oref=defenseone_today_nl)



Why would Iran attack two tankers near the Strait of Hormuz?

[https://www.militarytimes.com/flashpoints/2019/06/13/why-would-iran-attack-two-tankers-near-the-strait-of-hormuz/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%2006.14.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.militarytimes.com/flashpoints/2019/06/13/why-would-iran-attack-two-tankers-near-the-strait-of-hormuz/?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2006.14.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Canada delays departure from Mali until end of August

<https://www.cbc.ca/news/somnias-1.5175851>



Turkey rejects U.S. ultimatums, says will not back down on Russia deal

<https://www.reuters.com/article/SOMNIA-idUSKCN1TE1CS>



Hill AFB F-35As arrive at Spangdahlem AB

<https://www.af.mil/News/Article-Display/Article/1873584/hill-afb-f-35as-arrive-at-spangdahlem-ab/>



How Hong Kong's Unrest Plays to Beijing's Hawks

[https://foreignpolicy.com/2019/06/14/how-hong-kongs-unrest-plays-to-beijings-hawks/?utm\\_source=PostUp&utm\\_medium=email&utm\\_campaign=13647&utm\\_term=Editor#39;s%20Picks%20OC](https://foreignpolicy.com/2019/06/14/how-hong-kongs-unrest-plays-to-beijings-hawks/?utm_source=PostUp&utm_medium=email&utm_campaign=13647&utm_term=Editor#39;s%20Picks%20OC)



Deterrence Is Failing — Partly Because Iran Has No Idea What the US Really Wants

[https://www.defenseone.com/ideas/2019/06/restoring-deterrence-iran/157756/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/ideas/2019/06/restoring-deterrence-iran/157756/?oref=defenseone_today_nl)



EU Steps Up Its Defense Spending, But Washington Says Not So Fast

<https://breakingdefense.com/2019/06/the-eu-is-stepping-up-its-defense-spending-but-washington-says-not-so-fast/>



Hong Kong protest: 'Nearly two million' join demonstration

[https://www.bbc.com/news/world-asia-china-48656471?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=ebb%2006.17.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.bbc.com/news/world-asia-china-48656471?utm_source=Sailthru&utm_medium=email&utm_campaign=ebb%2006.17.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Will the request for bids for new Canadian fighter jets be released next month?

<https://ottawacitizen.com/news/national/defence-watch/will-the-request-for-bids-for-new-canadian-fighter-jets-be-released-next-month>





Iran Has Options and It's Starting to Use Them

[https://www.defenseone.com/ideas/2019/06/iran-has-options-and-its-starting-to-use-them/157773/?oref=defenseone\\_today\\_nl](https://www.defenseone.com/ideas/2019/06/iran-has-options-and-its-starting-to-use-them/157773/?oref=defenseone_today_nl)



Coast Guard picks homeport for new icebreaker fleet

[https://www.navytimes.com/news/your-navy/2019/06/18/coast-guard-picks-homeport-for-new-icebreaker-fleet/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.18.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.navytimes.com/news/your-navy/2019/06/18/coast-guard-picks-homeport-for-new-icebreaker-fleet/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.18.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Duterte calls for calm after Philippine boat sinking

[https://www.navytimes.com/news/your-navy/2019/06/17/duterte-calls-for-calm-after-philippine-boat-sinking/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.18.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.navytimes.com/news/your-navy/2019/06/17/duterte-calls-for-calm-after-philippine-boat-sinking/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.18.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Japan to dramatically scale up participation in Australian exercise

[https://www.defensenews.com/training-sim/2019/06/17/japan-to-dramatically-scale-up-participation-in-australian-exercise/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.18.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/training-sim/2019/06/17/japan-to-dramatically-scale-up-participation-in-australian-exercise/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.18.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



Don't expect the US to secure Arabian Gulf shipping alone, a top general says

[https://www.defensenews.com/naval/2019/06/18/dont-expect-the-us-to-secure-arabian-gulf-shipping-alone-top-general-says/?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.20.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.defensenews.com/naval/2019/06/18/dont-expect-the-us-to-secure-arabian-gulf-shipping-alone-top-general-says/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.20.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



U.S.'s Hook to meet European officials on Iran in Paris next week

[https://www.reuters.com/article/us-iran-nuclear-hook/u-s-s-hook-to-meet-european-officials-on-iran-in-paris-next-week-idUSKCN1TJ2GJ?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.20.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.reuters.com/article/us-iran-nuclear-hook/u-s-s-hook-to-meet-european-officials-on-iran-in-paris-next-week-idUSKCN1TJ2GJ?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.20.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



As U.S. and Iran Face Off, Europe Is Stuck in the Middle

[https://www.nytimes.com/2019/06/18/world/europe/iran-us-nuclear-europe.html?utm\\_source=Sailthru&utm\\_medium=email&utm\\_campaign=EBB%2006.20.19&utm\\_term=Editorial%20-%20Early%20Bird%20Brief](https://www.nytimes.com/2019/06/18/world/europe/iran-us-nuclear-europe.html?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2006.20.19&utm_term=Editorial%20-%20Early%20Bird%20Brief)



A Dangerous Game of Nuclear Brinkmanship

[https://foreignpolicy.com/2019/06/17/a-dangerous-game-of-nuclear-brinkmanship/?utm\\_source=PostUp&utm\\_medium=email&utm\\_campaign=13734&utm\\_term=Flashpoints%20OC](https://foreignpolicy.com/2019/06/17/a-dangerous-game-of-nuclear-brinkmanship/?utm_source=PostUp&utm_medium=email&utm_campaign=13734&utm_term=Flashpoints%20OC)



Lockheed requested Cyclone helicopter for CANSEC - taxpayers picked up the \$25,000 tab




<https://ottawacitizen.com/news/national/defence-watch/lockheed-requested-cyclone-helicopter-for-cansec-taxpayers-picked-up-the-25000-tab>



Great Power Competition Ushers in a New Generation of European Weapons

[https://www.defenseone.com/business/2019/06/great-power-competition-ushers-new-generation-european-weapons/157852/?oref=defense\\_one\\_breaking\\_nl](https://www.defenseone.com/business/2019/06/great-power-competition-ushers-new-generation-european-weapons/157852/?oref=defense_one_breaking_nl)



<p>Iran shoots down American drone in "clear message" to U.S.</p> <p><a href="https://www.cbsnews.com/news/iran-us-drone-shot-down-today-in-gulf-after-houthi-missile-strike-on-saudi-arabia-live-updates-2019-06-20/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB%206.20.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief">https://www.cbsnews.com/news/iran-us-drone-shot-down-today-in-gulf-after-houthi-missile-strike-on-saudi-arabia-live-updates-2019-06-20/?utm_source=Sailthru&amp;utm_medium=email&amp;utm_campaign=EBB%206.20.19&amp;utm_term=Editorial%20-%20Early%20Bird%20Brief</a></p>	
<p>Canadian warship sails through Taiwan Strait</p> <p><a href="https://www.theglobeandmail.com/world/article-canadian-warship-sails-through-taiwan-strait/">https://www.theglobeandmail.com/world/article-canadian-warship-sails-through-taiwan-strait/</a></p>	
<p>Some changes made to Canadian fighter jet requirements as new document sent to companies</p> <p><a href="https://ottawacitizen.com/news/national/defence-watch/some-changes-made-to-canadian-fighter-jet-requirements-as-new-document-sent-to-companies">https://ottawacitizen.com/news/national/defence-watch/some-changes-made-to-canadian-fighter-jet-requirements-as-new-document-sent-to-companies</a></p>	

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

**#3D printing**

Northrop to build 3D-printed scramjet engine for Raytheon hypersonic weapon

<https://www.defensenews.com/digital-show-dailies/paris-air-show/2019/06/18/northrop-to-build-3d-printed-scramjet-engine-for-raytheon-hypersonic-weapon/>

**#Arctic**

Charting a New Arctic Ocean

<https://ocean.csis.org/spotlights/charting-a-new-arctic-ocean/>

*Comment from a RUSI(NS) reader: ...very nice graphics, but I am confused by their use of “uncharted” and “unchartered.” I assume this is deliberate, but why should we believe that the Arctic is any more “unchartered” (ungoverned??) than any other ocean?*

Senate calls on Canada to take a firm stand on Arctic sovereignty

<https://www.msn.com/en-us/news/technology/senate-calls-on-canada-to-take-a-firm-stand-on-arctic-sovereignty/ar-AACMw1A>

RADARSAT Constellation Mission launch advances situational awareness for operations  
<http://www.rcaf-arc.forces.gc.ca/en/article-template-standard.page?doc=radarsat-constellation-mission-launch-advances-situational-awareness-for-operations/jwmfzmoo>

Climate change forcing the (US) Navy north to defend the Arctic ocean  
<https://warisboring.com/climate-change-forcing-the-navy-north-to-defend-the-arctic-ocean/>

### **#CAF**

Change in Reserve Force pay structure  
<https://www.canada.ca/en/department-national-defence/news/2019/06/change-in-reserve-force-pay-structure.html>

### **#chemical-biological-radiological-nuclear**

Time to bring Strategy back to the CBRN Strategy  
<https://defence.frontline.online/article/2019/2/11731-Time-to-bring-Strategy-back-to-the-CBRN-Strategy>

### **#cyber**

Entering the Third Decade of Cyber Threats: Toward Greater Clarity in Cyberspace  
<https://www.lawfareblog.com/entering-third-decade-cyber-threats-toward-greater-clarity-cyberspace>

The Revenge of Geography in Cyberspace  
<https://thestrategybridge.org/the-bridge/2019/6/4/the-revenge-of-geography-in-cyberspace?format=amp>

Report on National Security Implications of 5G Networks  
<https://news.usni.org/2019/06/14/report-on-national-security-implications-of-5g-networks>

### **#information operations**

Navy Culture Must Be Adapted to Fit the Information Age  
<http://cimsec.org/navy-culture-must-be-adapted-to-fit-the-information-age/40594>

### **#defence policy**

Defence policy should be an amalgamation of perspectives  
<https://www.macdonaldlaurier.ca/defence-policy-amalgamation-perspectives-richard-shimooka-hill-times/>

### **#drones**

The limitations of unmanned and autonomous systems in a contested environment  
<https://www.defenceconnect.com.au/intel-cyber/4222-the-limitations-of-unmanned-and-autonomous-systems-in-a-contested-environment>

### **#financial security #finwar**

Government of Canada Leads National Response to Money Laundering and Terrorist Financing  
<https://www.fin.gc.ca/n19/19-063-eng.asp>

## #hybrid war

Hybrid Threats: Humanitarian aid in the Russo-Georgian conflict

<https://stratcomcoe.org/hybrid-threats-humanitarian-aid-russo-georgian-conflict>

## #Iran

The Strategic Threat from Iranian Hybrid Warfare in the Gulf

<https://www.csis.org/analysis/strategic-threat-iranian-hybrid-warfare-gulf>

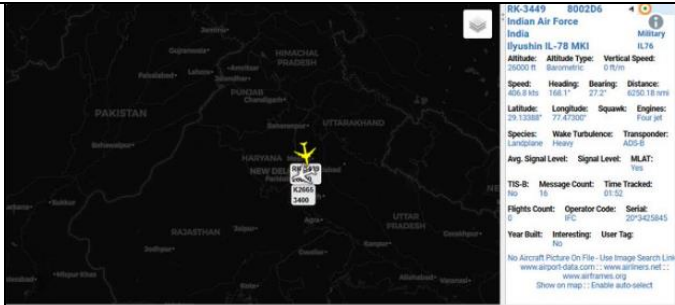
## #intelligence

Twitter users share military aircraft details online putting at risk national security, pilots' safety, says report

<https://www.firstpost.com/india/twitter-users-share-military-aircraft-details-online-putting-at-risk-national-security-pilots-safety-says-report-6168631.html>

<https://www.thelede.co.in/governance/2019/02/27/can-iaf-prevent-abhinandans>

*Maybe the fighters and bombers are 'gone quiet' but tracking support/logistics can give a good idea of operations!*



**INTELLIPUS**  
@intellipus

#Indian airforce has heavies up. Il-76MF out of Palam AFS and an Il-78MKI tanker likely out of Delhi/Indira Gandhi AFS. Would expect the tanker is supporting Barrier Combat Air Patrol fighters near the Pakistan border.

♥ 27 11:44 AM - Feb 27, 2019

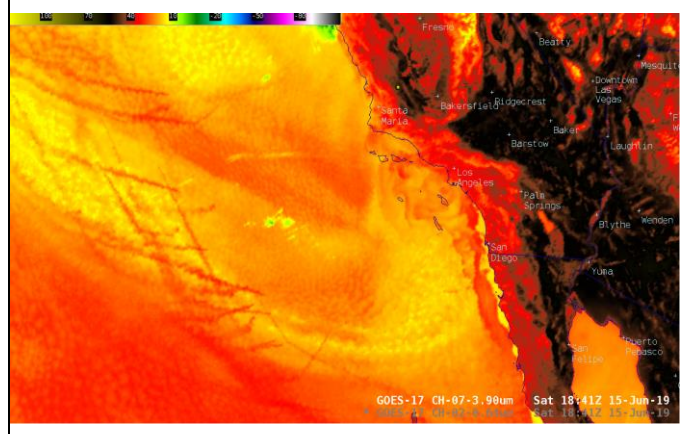
## #intelligence #RMP

Scott Bachmeier on Twitter 8:19 PM · Jun 15, 2019: "#GOES17 Shortwave Infrared imagery is useful to better identify ship exhaust trails (or "ship tracks") over the East Pacific Ocean - particles in the exhaust seed the supercooled water droplet clouds, forming smaller droplets which reflect more sunlight

<https://t.co/W0fLbgiTel>

<https://t.co/g1aWOKJnuY> / Twitter

([https://mobile.twitter.com/CIMSS\\_Satellite/status/1140036165237661696](https://mobile.twitter.com/CIMSS_Satellite/status/1140036165237661696))



## #NATO

NATO tests smart energy technologies at exercise in Poland

[https://www.nato.int/cps/en/natohq/news\\_166827.htm](https://www.nato.int/cps/en/natohq/news_166827.htm)

NATO's Essential Minnows and the Russian Threat

<https://thestrategybridge.org/the-bridge/2017/6/13/natos-essential-minnows-and-the-russian-threat>

Focusing on SOF and intelligence.

A fascinating tale about multilateral politics

<https://www.nato.int/docu/review/2019/Also-in-2019/a-fascinating-tale-about-multilateral-politics-nato-alliance/EN/index.htm>

### #search and rescue

Search and Rescue Helicopter Statistics: Year ending March 2019

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/808276/sarh-statistics-year-ending-march-2019.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/808276/sarh-statistics-year-ending-march-2019.pdf)

This is the UK report. It would be interesting to see something similar for Canada. The visuals help.

### #urban warfare

Urban Legend: Is Combat in Cities Really Inevitable?

<https://warontherocks.com/2019/05/urban-legend-is-combat-in-cities-really-inevitable/>

### #WMD

The Interagency's "WMD" Terminology Problem

<http://thesimonscenter.org/featured-article-wmd-terminology-problem/>

### Other:

**CJOC Highlights May 2019** (<https://www.canada.ca/en/department-national-defence/services/operations/military-operations/current-operations/update.html>):

- In April and May 2019, the CAF assisted Ontario, Quebec and New Brunswick with flood relief efforts following requests for assistance from provincial authorities on **Operation LENTUS**. In May 2019, the CAF began assisting Ontario with the evacuation of the community of Pikangikum First Nation following a requests for assistance from provincial authorities. At the request of the province of Alberta, Canadian Armed Forces is coordinating with provincial authorities and getting ready to launch Operation LENTUS in support of the fight against wildfires in Northern Alberta.
- On May 1, 2019, Brigadier-General (BGen) Michel-Henri St-Louis assumed command of **Joint Task Force-IMPACT** from BGen Colin Keiver at Camp Canada in Kuwait.
- On May 6, 2019, two Albanian soldiers died in the line of duty from injuries sustained during an Explosive Ordnance Disposal task with **NATO's enhanced Forward Presence Battle Group Latvia**. Other Albanian soldiers were also injured during the incident. Canada extends our deepest condolences to our Albanian NATO allies and the families of Sergeant Zarife Hasanaj and Major Klodjan Tanushi
- From May 27 to June 7, 2019, soldiers, sailors, aviators, and Canadian Rangers deployed to Whitehorse, Yukon to begin participating in a whole-of-government emergency response exercise, known as **Operation NANOOK - TATIGIIT 2019**.
- On May 30, 2019, **Exercise TRADEWINDS 2019** began in Latin America and the Caribbean. TRADEWINDS is a U.S. Southern Command-led exercise. The exercise is taking place until June 21, 2019.
- On May 30 2019, HCMS Regina and its embarked CH-148 Cyclone helicopter concluded their

deployment on **Operation ARTEMIS**. Naval Replenishment Unit Asterix participated into Op ARTEMIS deployment.

- In June 2019, the Canadian Armed Forces are deploying ships and a maritime patrol aircraft, under **Operation NEON**, to ensure sanctions are imposed against North Korea.

### Headquarters News

One of RUSI(NS)' contacts with the RCAF has moved to the Directorate of Headquarters Integration in Ottawa. His job has to do with the Carling Campus move, primarily internal communications to keep folks up to date on what is happening with the move. By the summer of 2020 there should be about 9,300 DND and military personnel working at Carling.

### USAF Buried in Canada

The article "Adventurer dedicating plaque to historic Cold War jet crash" (<https://www.tbnewswatch.com/local-news/adventurer-dedicating-plaque-to-historic-us-jet-crash-5-photos-1473452>) led to a query to Veterans Affairs Canada, who manage the Canadian Military Memorials Database (CMMD)



(<https://www.veterans.gc.ca/eng/remembrance/memorials/national-inventory-canadian-memorials>).

The CMMD is a repository of monuments and memorials located in communities across Canada, with currently more than 7,500 memorials posted on the website. VAC confirmed that memorials such as the plaque mentioned in the article do not qualify for the CMMD as the database is of Canadians only. It is not known whether there is any listing of memorials to USAF and other foreigners in Canada.

RUSI(NS) has written on a related topic, "Remembering Merchant Mariners" (<https://rusi-ns.ca/remembering-merchant-mariners/>) - Deadman's Island in Halifax is considered a memorial to all USN and Merchant Marine buried in Canada.

If anyone can add to this topic, please email [RUSINovaScotia@gmail.com](mailto:RUSINovaScotia@gmail.com).

### Global Defence Technology

[https://defence.nridigital.com/global\\_defence\\_technology\\_jun19/issue\\_100](https://defence.nridigital.com/global_defence_technology_jun19/issue_100)

Including articles "What's next for 3d printing in defence?" and "A Whale of an underwater drone."

### Combat Camera

Extract from book *At the Centre of Government*:

"Governments need to plan ahead, though, for the social media challenge of disasters and other emergencies like mass evacuations. The Canadian Forces has long made an effort to have photographers and camera crews in the field to cover their operations through Combat Camera. ...every government department needs a Combat Camera of its own to report back to Canadian on their work."

Brodie, Ian, McGill-Queen's University Press (2018). *At the Centre of Government – The Prime Minister and the Limits of Political Power*, 126-127. Ian Brodie served as Chief of Staff to Prime Minister Stephen Harper.

From NATO Strategic Communications Centre of Excellence conference in Riga last week:

The single biggest problem in communication is the illusion that it has taken place - George Bernard Shaw

