



Royal United Services Institute of Nova Scotia

Dispatches

8 November 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.

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

Everyone is welcome to parade with RUSI(NS) at RA Park. Please muster no later than 1040 by the tree behind the podium (same place as always). We will form up as the 1st (Halifax-Dartmouth) Field Artillery Regiment contingent marches in.

The respectful way to wear a poppy for Remembrance Day

<https://www.ctvnews.ca/canada/the-respectful-way-to-wear-a-poppy-for-remembrance-day-1.4666327>

Lapel Pin Aboriginal Veterans (<https://www.poppystore.ca/lapel-pin-aboriginal-veterans-600320>)



Events:

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

9 November, Saturday - Library and Archives Canada Halifax office workshops "In the Trenches: Digitized First World War Records." "This introductory workshop teaches participants how to access

Canadian Expeditionary Force service files online, identify an individual's military unit, and consult various digitized resources such as war diaries to learn the context of a person's military service. Laptops will be provided to complete search exercises. Please register as space is limited. To register, please contact the Library and Archives Canada Halifax office by email at bac.halifax.lac@canada.ca or by phone at 902-426-4031. 10:30 am to 12:00 pm, Central Library, RBC Learning Centre, 3rd floor. Link to Halifax Public Libraries event notice:

<https://halifax.bibliocommons.com/events/search?q=in%20the%20trenches/event/5d8bac7943b005230e00d5a>"

15 November, Friday - Shearwater Aviation Museum Speaker's Corner with Anne Gafiuk, speaking about her research into a 1946 accident proneness project, and book "Quietus - Last Flight - Accident Proneness in WWII." 1 pm. Shearwater Aviation Museum, 34 Bonaventure Street, Shearwater. See poster at end of *Dispatches*.

16 November, Saturday - book launch by author and RUSI(NS) member John Boileau "Amazing Atlantic Kids: Awesome stories of Bravery and Adventure." 2 pm. Halifax Central Library. "Amazing Atlantic Kids," a new children's non-fiction aimed at children ages 8 to 12., is a fascinating, full-colour, illustrated book featuring over 50 amazing and diverse young people who prove that greatness has no age limit. There will be an author reading, refreshments, and books for sale and signing. All ages are welcome!

16 November, Saturday - Atlantic Commandery of the Order of Saint George third annual elegant black-tie fundraising dinner. Wardroom, CFB Halifax Wardroom. See invitation at end of *Dispatches* 1 November 2019.

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

4 December, Wednesday – Seasonal Met & Greet. 1200-1400. Royal Artillery Park Officers' Mess.

5 May 2020 - commemoration of the 75th Anniversary of the Liberation of the Netherlands. Contact Peter Stoffer or email RUSINovaScotia@gmail.com for information.

Recent Publications:

RUSI(NS) Presentation "'Sino-Russian Cooperation in the #Arctic: A Cause for Concern for the West?'" <https://rusi-ns.ca/sino-russian-cooperation-in-the-arctic-a-cause-for-concern-for-the-west/>, Adam MacDonald, 17 October 2019

RUSI(NS) Paper "Recruiting and Retention in the Canadian Armed Forces" <https://rusi-ns.ca/recruiting-and-retention-in-the-canadian-armed-forces/>, 7 October 2019

The United Services Institute of Nanaimo and North Island (USINNI) Newsletter Vol 27 No 11 November 2019 is available on request to RUSINovaScotia@gmail.com.

The Military Institute of Windsor Communiqué, Volume XXXVII Number 10 November 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.

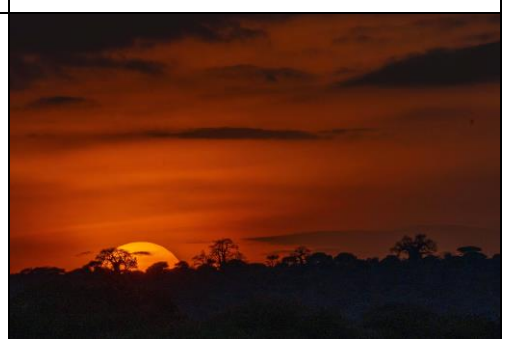
Canadian Global Affairs Institute @CAGlobalAffairs 2 Nov tweeted and RUSI(NS) retweeted: In this current, tumultuous, and increasingly realist global order, is it time to “knock” NATO? Not so fast, writes @CdsnRcds’s Dr. Anessa Kimball, in this new @policy_school /CGAI publication (Knocking NATO: Strategic and institutional challenges risk the future of Europe’s seven-decade cold peace https://www.cgai.ca/knocking_nato_strategic_and_institutional_challenges_risk_the_future_of_europe_s_seven_decade_cold_peace)



Air-traffic control changes in US, Europe may force CAN to buy new #RCAF executive jets to replace CC144 Challengers <https://www.ctvnews.ca/politics/air-traffic-control-changes-in-u-s-europe-may-force-ottawa-to-buy-new-executive-jets-1.4668608> RUSI(NS) Info Paper on Automatic Dependent Surveillance–Broadcast (ADS-B) <https://rusi-ns.ca/new-air-surveillance-system/> (Air-traffic control changes in U.S., Europe may force Ottawa to buy new executive jets)



"Climate change in Africa may mean more Canadian military help is needed" <https://globalnews.ca/news/6101325/climate-change-canadian-military-africa/> "...climate change could see more requests to @CanadianForces for humanitarian assistance&disaster-response ops, peace-support missions, counter-terrorism efforts&capacity-building activities..."



Posted on Facebook Royal United Services Institute NS with comments:

Election could spur changes in Canada’s defence leaders

<https://www.thestar.com/politics/federal/2019/10/31/election-could-spur-changes-in-canadas-defence-leaders.html>



The Chief of Defence Staff serves "at the pleasure of the Prime Minister."

\$111 billion being spent globally on transport and tanker aircraft over next decade

<https://www.shephardmedia.com/news/defence-notes/111-billion-being-spent-globally-transport-and-tan/>



"In terms of future opportunities, Canada's Strategic Tanker Transport Capability programme, which aims to replace the country's existing fleet of CC-150 Polaris aircraft is one of the most significant.

The programme has a maximum value of \$3.7 billion and will replace the existing fleet capability, including strategic airlift, air-to-air refuelling, aeromedical evacuations and strategic Government of Canada transport. The definition phase is expected to start by 2022 with deliveries planned between 2028 and 2031.

Canada also has a need for a new aircraft to replace its current fleet of CC-138 Twin Otters, although it is an order of magnitude smaller, with an estimated maximum cost of \$379 million. These aircraft will be expected to be able to conduct utility airlift operations, maintenance and training in the country's northern region."

New Unmanned Tank Will Revolutionize Armored Warfare

<https://i-hls.com/archives/95816>



"The heavily armed drone will be intended to be deployed alongside manned tanks and armored vehicles to scout ahead..."

"The mini-tank also can carry and launch an aerial drone."

No Stone Left Alone ceremonies to be held across Canada Monday

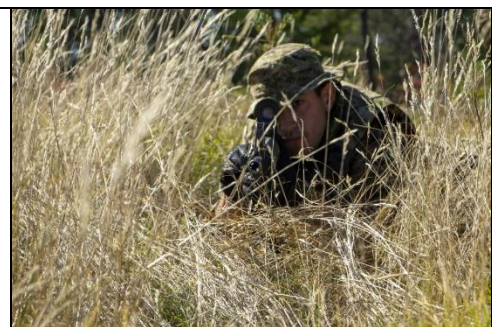
<https://globalnews.ca/news/6071671/no-stone-left-alone-2019/>



"...goal to have a student place a poppy on the headstone of every Canadian who has served in the country's armed forces."

The trials of Prototype J

<https://canadianarmytoday.com/the-trials-of-prototype-j/>



"...the battalion has been evaluating a new camouflage pattern known as 'Prototype J'."

"The new pattern camouflage is predominantly brown, with olive and only some of the dark green and black of the current temperate woodland CADPAT."

Learn and Look Before You Tweet

<https://fromthegreennotebook.com/2019/11/05/learn-and-look-before-you-tweet/>



"Senior leaders do well at hyping up the difficulties with multi-domain operations, but more leaders need to understand and describe the threats within the information environment at home, which, ironically enough, are the same in the information environment abroad. We will not win in the information environment if we do not first prevent ourselves from losing."






National Security and the Arctic: Deterrence of Russian Influences in the Arctic Ocean

<https://smallwarsjournal.com/index.php/jrnl/art/national-security-and-arctic-deterrence-russian-influences-arctic-ocean>



"It is also in the interest of the U.S. to solidify disputed territorial boundaries with Canada to have internationally recognized territorial waters undisputed with neighboring countries."

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.

 <h1>Focus</h1> <p>MONTHLY UPDATE FROM THE ROYAL UNITED SERVICES INSTITUTE</p>	
<p>https://mailchi.mp/rusi.org/september-2019-newsletter-166969?e=a539211a30</p> <p>The Snowbird's Tutor CT-114: Where Are They Now?</p> <p>https://www.discovermoosejaw.com/local/the-snowbird-s-tutor-ct-114-where-are-they-now</p>	
<p>Canadian-led peacekeeping mission in Ukraine 'Plan B' for Kyiv, official says</p> <p>https://www.cbc.ca/news/SOMNIA-1.5343320</p>	
<p>Working like dogs: Canadian special forces quietly build up canine units</p> <p>https://ottawacitizen.com/pmn/news-pmn/canada-news-pmn/working-like-dogs-canadian-special-forces-quietly-build-up-canine-units/wcm/c72995d2-ab9b-440d-9d5c-a766a9641369</p>	

Insurgent attacks in Afghanistan increase in both numbers and effectiveness, says new report

<https://ottawacitizen.com/news/national/defence-watch/insurgent-attacks-in-afghanistan-increase-in-both-numbers-and-effectiveness-says-new-report>



U.S. Deterrence in the Middle East Is Collapsing

https://foreignpolicy.com/2019/10/30/u-s-deterrence-in-the-middle-east-is-collapsing-syria-iran-saudi-arabia-trump/?utm_source=PostUp&utm_medium=email&utm_campaign=17990&utm_term=Flashpoints%20OC



The respectful way to wear a poppy for Remembrance Day

<https://www.ctvnews.ca/canada/the-respectful-way-to-wear-a-poppy-for-remembrance-day-1.4666327>



Military family matriarch who lost son in Afghanistan named Silver Cross Mother

<https://ottawacitizen.com/news/canada/military-family-matriarch-who-lost-son-in-afghanistan-named-silver-cross-mother/wcm/69475586-79b5-448d-82cf-2d70fcdf0683>



A new Defence Procurement Agency – Would it solve anything?

<https://ottawacitizen.com/news/national/defence-watch/a-new-defence-procurement-agency-would-it-solve-anything>



We Don't Know Enough about How Women's Perspectives Help Achieve Military Missions

https://www.defenseone.com/ideas/2019/11/we-dont-know-enough-about-how-womens-perspectives-help-achieve-military-missions/160969/?oref=defenseone_today_nl



First female airman enters training pipeline to be combat controller

https://www.airforcetimes.com/news/your-air-force/2019/11/01/first-female-airman-attempts-to-become-combat-controller/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



U.S. envoy decries Chinese 'intimidation' in South China Sea

https://www.reuters.com/article/us-asean-summit-usa-envoy/u-s-envoy-decries-chinese-intimidation-in-south-china-sea-idUSKBN1XE0D1?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.04.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



The US Might Have Warded Off Turkey's Syria Invasion, Says DOD's Outgoing Mideast Policy Chief

https://www.defenseone.com/news/2019/11/us-might-have-warded-turkeys-syria-invasion-says-dods-outgoing-mideast-policy-chief/161064/?oref=defense_one_breaking_nl



CrisisWatch: Tracking Conflict Worldwide

https://www.crisisgroup.org/crisiswatch?utm_source=Sign+Up+to+Crisis+Group%27s+Email+Updates&utm_campaign=55674bacea-EMAIL_CAMPAIGN_2019_11_04_02_18&utm_medium=email&utm_term=0_1dab8c11ea-55674bacea-359310265



Air-traffic control changes in U.S., Europe may force Ottawa to buy new executive jets

<https://www.ctvnews.ca/politics/air-traffic-control-changes-in-u-s-europe-may-force-ottawa-to-buy-new-executive-jets-1.4668608>



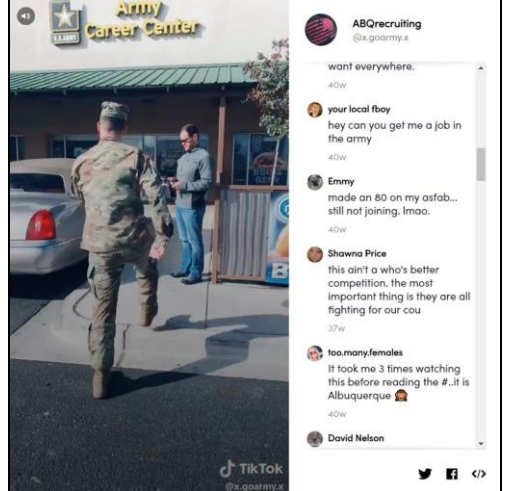
Job cuts possible as Irving considers buying fully-assembled components for Arctic patrol ships

<https://globalnews.ca/news/6125710/irving-cuts-possible-arctic-patrol-ships/>



Concerns rise over possibility Chinese could use TikTok to collect troops' data

https://www.militarytimes.com/news/your-military/2019/11/04/concerns-rise-over-possibility-chinese-could-use-tiktok-to-collect-troops-data/?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.05.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



North Korea criticizes 'hostile policy' as U.S. diplomat visits South Korea

https://www.reuters.com/article/us-northkorea-usa/north-korea-criticizes-hostile-policy-as-u-s-diplomat-visits-south-korea-idUSKBN1XE2EH?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.05.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



On Norway's icy border with Russia, unease over military buildup





https://www.reuters.com/article/us-norway-russia-us-arctic-widerimage/on-norways-icy-border-with-russia-unease-over-military-buildup-idUSKBN1XG0TS?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.06.19&utm_term=Editorial%20-%20Early%20Bird%20Brief



Ukraine buys Canadian sniper rifles – delivery expected soon

<https://ottawacitizen.com/news/national/defence-watch/ukraine-buys-canadian-sniper-rifles-delivery-expected-soon>



<p>Germany commits to NATO spending goal by 2031 for first time</p> <p>https://www.reuters.com/article/us-germany-nato/germany-commits-to-nato-spending-goal-by-2031-for-first-time-idUSKBN1XH1IK?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.07.19&utm_term=Editorial%20-%20Early%20Bird%20Brief</p>	
<p>France's Macron says NATO suffering 'brain death', questions U.S. commitment</p> <p>https://www.reuters.com/article/us-nato-france/frances-macron-questions-u-s-commitment-to-nato-in-economist-interview-idUSKBN1XH1GG?utm_source=Sailthru&utm_medium=email&utm_campaign=EBB%2011.07.19&utm_term=Editorial%20-%20Early%20Bird%20Brief</p>	
<p>First Nation-owned armour technology company delivering on military contracts</p> <p>https://www.ctvnews.ca/canada/first-nation-owned-armour-technology-company-delivering-on-military-contracts-1.4674461</p>	
<p>Military Deception: AI's Killer App?</p> <p>https://warontherocks.com/2019/10/military-deception-ais-killer-app/?utm_source=WhatCountsEmail&utm_medium=RAND%20Policy%20Currents+AEM:%20%20Email%20Address%20NOT%20LIKE%20DOTMIL&utm_campaign=AEM:631600804</p>	

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

#Arctic

Arctic Provisions in the 2020 NDAA (US National Defense Authorization Act)

<https://www.lawfareblog.com/arctic-provisions-2020-ndaa>

Includes provisions requiring:

1. a report on Chinese foreign direct investment in the Arctic, and
2. plan to increase and expand cold-weather training.

#artificial intelligence

A Tech Group Suggests Limits for the Pentagon’s Use of AI

<https://www.wired.com/story/tech-group-suggests-limits-pentagons-use-ai/>

#China #maritime strategy

Crossing the River by Feeling the Stones: The Trajectory of China's Maritime Transformation

<https://rusi.org/publication/occasional-papers/crossing-river-feeling-stones-trajectory-chinas-maritime>

#civil affairs

Civil Affairs - More than a Force for Stability Operations

<https://www.armyupress.army.mil/Journals/Military-Review/Online-Exclusive/2019-OLE/July/Storey-Civil-Affairs/>

Great utility in domestic operations, too.

#climate change

Briefer: Climate change implications for U.S. military aircraft

<https://www.preventionweb.net/publications/view/67208>

#command

U.S. Army Mission Command at a Crossroads

<https://thestrategybridge.org/the-bridge/2019/10/29/us-army-mission-command-at-a-crossroads>

#cyber ops

How Much Cyber Sovereignty is Too Much Cyber Sovereignty?

<https://www.cfr.org/blog/how-much-cyber-sovereignty-too-much-cyber-sovereignty>

#drones

Drones Used in Crime Fly Under the Law's Radar

<https://www.nytimes.com/2019/11/03/us/drones-crime.html>

#information operations

Essential Guide to Newsgathering and Monitoring on the Social Web

<https://firstdraftnews.org/latest/sources-and-keywords-the-fundamentals-of-online-newsgathering/>

#naval training

Sea Training: An Oft Overlooked Strategic Asset

<https://rusi.org/commentary/sea-training-oft-overlooked-strategic-asset>

#warfare

The Rise of the Present Unconventional Character of Warfare

<https://thestrategybridge.org/the-bridge/2019/11/4/the-rise-of-the-present-unconventional-character-of-warfare>

Other:

Truth in War (and War History)

“The same D-Day paratroopers re-convene years later in the same Douglas C-47 Dakota/Skytrain.”

This is a popularly held and oft repeated story in social media each year as D-Day / R-Day approaches.

Some minor corrections:

- The young (original) British 1 Div paratroopers were photographed on their way to Arnhem (Holland) for OP Market Garden on 17 Sep 1944 (not Normandy).

- The old (veteran) paratroopers were from 16th (Staffords) Parachute Battalion, formed in Jan 1945, which never saw action. Their photo records a unit reunion.

- The new (left side) plane did not fly in the D-Day invasion, nor is it a C-47 Dakota. It's a restored C-53 trainer that sits outside Colchester Garrison's Merville Barracks.

This is one of the coolest pictures I have ever seen. The men on the right are about to paratroop into France on D-Day. The men on the left are the same men today. More remarkable? It's the same plane. God bless our heroes.



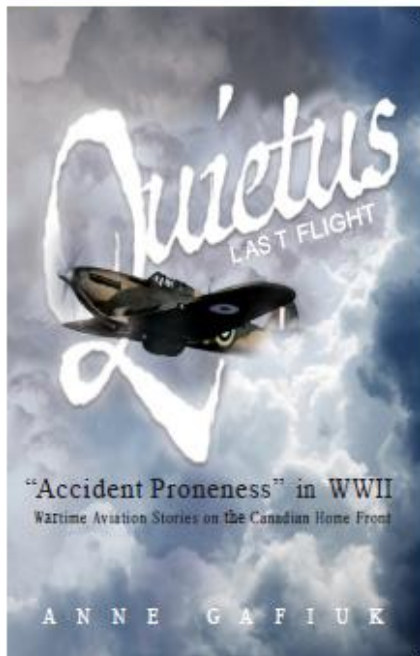
Various social media accounts (Twitter, Facebook, Reddit, Pinterest, Flipboard, etc.) claim the

men to be American, Canadian, Australian, British. The composite photo seems to have first surfaced in 2014, near the 70th anniversary of D-Day, with frequent reappearances as Remembrance Day (“Veteran Week”) approaches. It’s a “feel good” story that everyone wants to believe and would like to be true.

Roméo Dallaire Child Soldiers Initiative

The Roméo Dallaire Child Soldiers Initiative requires a Logistics Officer who is driven, a self-starter, highly flexible, detail focused and with African-based operations experience, to help plan and execute a variety of activities including: maintaining training-related activities calendar in line with other programming and outputs of the organization, flagging conflicts that may arise as well as understanding optimal windows that may exist to schedule new opportunities, coordinating travel plans across multiple staff functions and locations, planning and executing logistics for complex activities, providing security advice and background briefings, providing administrative support to a range of staff and consultants, and ensuring both narrative and financial reports are completed post activity completion. A copy of the Terms of Reference including how to apply is available by emailing RUSINovScotia@gmail.com.

Shearwater Aviation Museum Speaker's Corner: Anne Gafiuk



Date: 15 November 2019

Time: 1:00 pm

Shearwater Aviation Museum

34 Bonaventure Street, Shearwater NS B0J 3A0

Fully trained RCAF pilots aboard sixteen fatal flights during WWII in Canada and Alaska were selected for an accident proneness project in 1946 featuring a range of locations as well as variety of aircraft.

Why were these pilots chosen? With the assistance of WWII RCAF veterans, post-war pilots, and aviation historians, Anne Gafiuk recreated the study to find out.

A case study will be featured in the presentation, focusing on a pilot from Montreal: William Eugene McNichol and what happened to him and the crew aboard Canso A9781 in February 1944 off the coast of Newfoundland.

(Books will be available with proceeds to the Bomber Command Museum of Canada, Nanton, AB. Preorders most welcome.) Anne Gafiuk is a former elementary school teacher in Calgary, Alberta who turned to freelance writing. During her research into WWII RCAF pilots for a fictional story, she became very interested in vintage aircraft, the people involved with them and their history, taking her on a new flight of discovery.

For more information, please call 902-720-1083.