



November 2018

# Minister visits ADM(IE) construction projects in the North



As part of his visit to Nanisivik, Rod Watson (left) arranged a flag raising ceremony to occur on August 15. Defence Minister Harjit Sajjan raised the Canadian and Nunavut flags for the first time at the Naval Facility alongside local Inuit workers, an Inuit elder, and members of the Royal Canadian Army Cadets / Canadian Rangers.

Minister of National Defence Harjit Sajjan paid a visit to CFS Alert and the Nanisivik Naval Station in mid August to view some of the infrastructure upgrades and construction projects currently in progress in the North. ADM(IE) is one of the lead supporters for both projects and works in conjunction with Defence Construction Canada

(DCC) to make sure that the projects are completed on time and on budget.

Rod Watson, an Infrastructure Project Manager for Director Construction Project Delivery (DCPD) in the North, had the opportunity to speak with the Minister on August 15 to discuss the refuelling station project that is cur-

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rently in progress at the Nanisivik Naval Base. Watson has been working on the construction of the Nanisivik Naval Facility for over 10 years and has been part of the Nanisivik refuelling station project since its conception.

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**Rod Watson (left), a Project Manager for DCPD in the North, speaks to Minister of National Defence Harjit Sajjan (right) on August 15 about the Nanisivik refueling station construction project.**

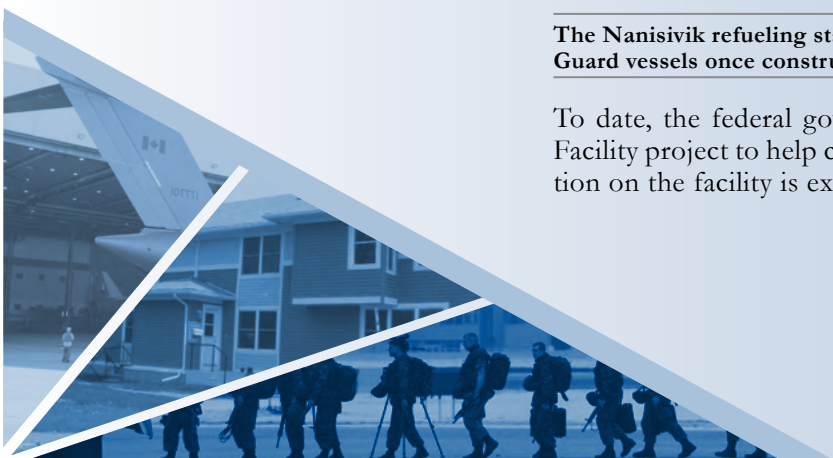
During the hour-long site visit at the Nanisivik Naval Facility, Watson noted that the Minister asked many questions about the particulars of the project and took the time to meet all the workers present at the base.

“The Minister was genuinely interested in the people that work there and how the project was coming along,” said Watson. “I really enjoyed going up there to speak about it and am thankful for the opportunity.”



**The Nanisivik refueling station (pictured above) will service CAF and Canadian Coast Guard vessels once construction at the Naval Facility is completed in 2019.**

To date, the federal government has allocated \$130 million to Nanisivik Naval Facility project to help create sustainable CAF operations in the North. Construction on the facility is expected to be completed in summer 2019.





# OUR PEOPLE

## Sappers\* Visit the Queen

Capt Jacques Landry, CWO Glenn Simpkin, BGen (Ret'd) Steve Irwin, and his wife Deanna Irwin, had the privilege to travel to London, England on July 27, 2018 to visit the Queen of England. At Buckingham Palace, they were met by a Lady in Waiting and the Queen's Equerry before CWO Simpkin and BGen Irwin were brought to speak with Her Majesty for about 30 minutes. They presented her with a book and DVD titled *Clearing the Way* which tells the story of 23 Field Squadron's experiences on Op MEDUSA. The Queen was very interested in the project and asked many questions about the operation.

During their time with the Queen, they also discussed the growth of the CME Branch, the leadership positions that CWO Simpkin and BGen Irwin currently hold and the missions that they are currently involved with. They also spoke of the Canadian Military Engineers Association (CMEA), the Invictus Games, and the support programs for

those who suffer from PTSD. Shortly after this discussion, the Queen then invited Capt Landry and Deanna Irwin into the room to join the conversation.

After their meeting with the Queen, they then visited those from the RCAF who were providing the guard at the Palace. During this time, they spoke with Cpl Charles Johnston, a firefighter from 8 Wing Trenton.

*\* The term "sapper" is often used in the Military to describe field or combat engineers. The origin of this term comes from the French word "sape" which means to undermine and the Middle French word "sap" which was used to refer to a spade or a hoe.*



From left to right: Capt Jacques Landry, BGen Steve Irwin (Ret'd), Cpl Charles Johnston, Mrs. Deanna Irwin and CWO Glenn Simpkin stand in front of Buckingham Palace in London, England on 27 July 2018.

## Farewell to Capt Jacques Landry

After serving with the Canadian military for over 35 years, Capt Jacques Landry officially retired from the Regular Force on August 7, 2018. He has served as the Military Engineer Branch Adjutant for 16 of those years and will continue to serve as a reservist over the next few months to help out the new Branch Adjutant. Thank you Capt Landry for your dedicated service!



Capt Jacques Landry (centre) celebrates over 35 years of service in the military.

# EVENTS

# DND fire service acts as honorary host for the 2018 Firefighters Memorial

On Sunday September 9, 2018, the Canadian Fallen Firefighters Foundation (CFFF) held its annual Firefighters Memorial in Ottawa to commemorate all firefighters who lost their lives in the line of duty over the past year.



LCol Lee Goodman (left), the Canadian Forces Fire Marshal, was one of the DND representatives present at the Firefighters Memorial on Sept. 9, 2018. Prime Minister Justin Trudeau (right) was also present to honour the fallen firefighters.



Civilian and military firefighters from across Canada gathered at the Canadian Firefighters Memorial in Ottawa to honour the fallen soldiers.





The families of the fallen firefighters are presented with a firefighter helmet at the ceremony to commemorate the family members' sacrifice in the line of duty.



Rob Chambers (centre), the acting ADM for Infrastructure and Environment, was also present at a dinner on Saturday, Sept. 8, 2018 to honour the families of fallen firefighters.

# Goats invade 4 Wing Cold Lake!



Personnel at 4 Wing Cold Lake supervise their new four-legged coworkers as the goats graze in the X-Area fields.

Personnel at 4 Wing Cold Lake are used to the loud noises produced by fighter jets, but in early August, it was the sound of bleating goats that caught the attention of X-Area workers.

CF Real Property Operations hired the four-legged workers to help cut the grass at 4 Wing after hearing about a similar project launched at 19 Wing Comox last year. Goats are sure-footed creatures who love to eat grass, so they are the perfect candidates for tackling the steep slopes and rocky areas that their two-legged coworkers can't reach. The herd's environmentally friendly "emissions" while completing their task were an added bonus for the base.

The Roads and Grounds team, led by Mr. Barry Machan, decided to see if the goats in Cold Lake were up for the challenge. The X-Area was an ideal location for testing the herd's abilities to navigate the steep berms and to ease them into some of the loud noises associated with running an active fighter jet base.

Projects like this are an excellent example of how RP Ops incorporates environmentally friendly, efficient, and outside-the-box solutions into their operations. This project was also an opportunity for RP Ops to support local businesses by partnering with Penner Farms to supply the goats.

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## The meaning behind *Chimo!*

You likely have seen or heard the word *Chimo!* at some point during the work day, but do you know the meaning behind the expression?

Pronounced *CHEE-moh*, the phrase is often used by Canadian Military Engineers (CME) and the Royal Canadian Engineers (RCE) when greeting people or giving a toast. It is also commonly used as a way to close correspondence between engineers. *Chimo* is derived from the Inuktitut greeting "saimo" or "saimu" which can be used to say hello, goodbye, or peace be with you. The current spelling and pronunciation of *Chimo* is based on a Caucasian adaptation of the Inuit language and has been used by the CME/RCE since 1973.



# OUR PEOPLE

## CF RP Ops member wins Iron Warrior competition



**Maj Knockleby loads his ruck-sack into the canoe to begin the 8 km paddle portion of the race.**



**Maj Knockleby at the finish line of the Iron Warrior competition.**

On September 6 2018, Maj Jesse Knockleby, the J9/J4 within the CF Real Property Operations Group HQ, competed in the Iron Warrior Competition at CFB Petawawa and finished first overall with a time of 5 hrs 41 min.

This event is comprised of a 32 km ruck march, 4.2 km portage, 8 km paddle, and finishes off with a 6 km ruck march – all while carrying a 40 lb ruck-sack. Maj Knockleby won on day one of the competition out of about 200 competitors. The race is designed to test the mental and physical resiliency of the participants.

Maj Knockleby says, “It’s a pretty tough competition. Since you have to carry a 40 lb pack on your back, you have to change the way you train from a normal endurance race like a marathon. I slowly added weight four months prior to the competition using a weight vest. I added a few pounds gradually every week and by a month from the competition, I was routinely running with

20 lbs of extra weight pack. I also invested more time into cross-training and my core strength. It was important to let my body adapt to the demands of running with weight over time to avoid injury.”

Maj Knockleby explains that he also walked with weight during his training and “farmer carried” dumbbells to strengthen his arms and shoulders for the portage and paddling portions of the race. He did a few runs with a race-weight ruck-sack three to four weeks before the competition. Then 10 days before the event, he dialed back on the intensity of his workouts so that he could recover and be prepared to give it his all during the competition.

He says, “Before the race, you want to taper your training in order to maintain your cardio level, but allow your muscles to recover.”

This is the fourth time that Maj Knockleby has taken part in the Iron Warrior competition, and he came in third place twice before.

Day 1 of the Iron Warrior is open to people outside of the region. Day 2 is for the Brigade units in Petawawa and only open to those posted there.

He says, “It is a very calorie-demanding race and it takes a lot of mental discipline. After paddling for 8 km, it can be tricky to try to get your legs going again for the final run to the finish.”

Maj Knockleby gives this advice: “Aside from devoting time to prepare for the event, the most difficult part is learning to pace yourself. You have to avoid letting the other competitors change your game plan. If they sprint out of the gate, it is tough to not get caught up in the moment and push yourself too hard early. You have to keep focused on your own game plan and adjust it based on the course conditions, not purely on what others are doing.”

# EVENTS

## Engineering Services Award Ceremony

Several ADM(IE) personnel received awards at the Director General Infrastructure and Environment Engineering Services (DGIEES) award ceremony on September 28 in Ottawa. A/ADM Rob Chambers was there to hand out the awards and speak with employees.

Director General of Engineering Services Martin Frank introduced the A/ADM and welcomed employees. About 80 employees attended the event and a group of personnel in Winnipeg participated by video conference.

Mr. Chambers presented the Nuclear Safety Award to Scott MacBean and Dr. Frédérick Grenier. Members of the IE Business Management team, Paul Churcher, Marcel Kauffman, and John Hale, received the Deputy Minister and Chief of the Defence Staff Award. Mr. Chambers also presented an IERIS Achievement Award to a group of employees who have been working on the IERIS project.

In addition, the ISO Standard Certificate was presented to Director of Construction Project Delivery (DCPD) Marc Desjardins for his group's recertification to the new standard, ISO 9001-2015.

Then Mr. Chambers spoke to the gathered personnel, commenting on the high level of expertise and knowledge in

DGIEES. He noted that as part of DN Safe, DGIEES provided three scientists with cutting-edge expertise, supporting frontline safety at the G7 summit held in Quebec in June.

He mentioned that DCPD has been an integral part of IE's transformation through the Champion's network, "another area of incredible knowledge within the organization, and DCPD has helped shape that community." He recognized that DCPD is currently working on about 100 projects, which represent approximately \$500 million a year in funds, and praised the "world-class performance" in DCPD.

He said he had a chance to spend a weekend with the Canadian Forces Firefighters members during the Canadian Fallen Firefighters Memorial events in September, and attended the Memorial Dinner. He congratulated the Fire Chief Gerald Slaunwhite on all the work put into that weekend.

Following a Q and A session with staff, Mr. Chambers concluded by encouraging employees to make connections with their colleagues and to network and share information.



A/ADM Rob Chambers with Scott MacBean (left) and Dr. Frédérick Grenier (right) who received a Nuclear Safety Award.



A/ADM Rob Chambers with Paul Churcher (left), Marcel Kauffman (centre), and John Hale (right) who received the Deputy Minister and Chief of the Defence Staff Award.





**A/ADM Rob Chambers with the IERIS group who received the IERIS Achievement Award.**

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**A/ADM(IE) Rob Chambers presents the ISO Standard Certificate to DCPD Director Marc Desjardins (left).**

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# EVENTS

## ADM(IE) member presents project at the 2018 International Explosives Safety Symposium and Exhibition



Vaidy Vaidyanathan, a senior structural engineer from the Directorate of Architecture and Engineering Services (DAES), was recently invited to present a paper on “Canadian Long Span Earth Covered Magazine (CLSECM) Design challenges” at the 2018 International Explosives Safety Symposium and Exhibition, held in San Diego, California. The paper was co-authored by David Bogosian, a senior principal engineer at Baker Engineering and Risk Consultants Inc. in El Segundo, California.

CLSECM is designed to store large quantities of Ammunition and Explosives (A&E) in Canadian Forces Ammunition

Depots. In the early 1990s, Vaidy led the design development of CLSECM alongside other departmental engineers. The CLSECM design is unique because it has large column-free span to permit easy manoeuvring of warehousing vehicles. As far as it is known, no other NATO member nation has an A&E storage facility that is comparable in size. Currently, DND/CAF inventory consists of about 40 CLSECMs apart from other types of smaller storage magazines.

CLSECM design, more than 25 years old, was recently verified for conformance with present day standards and best practice by engaging the services of Baker Engineering, a blast design expert firm that is well versed in the application of modern engineering computer models. CLSECM received a clean bill of health from explosives safety considerations.

The joint industry/government International Explosives Safety Symposium is an effective forum to share and exchange knowledge and experience in all aspects of explosives safety management amongst the international community.

For more information on the paper and presentation, please go to [GCDOCs website: Explosives Safety Engineering](#) (available in English)

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## IE Focus submission guidelines

Do you have a story to tell, an announcement to make, a special event to broadcast, a news item you'd like to share? Everyone within the IE Community is encouraged to write pertinent stories to be shared across the organization. These

[guidelines](#) will help you craft articles that are interesting and valuable. Please send your submissions to the following address [+Communication ADM\(IE\)-SMA\(IE\)@ADM\(IE\)@Ottawa-Hull](mailto:+Communication ADM(IE)-SMA(IE)@ADM(IE)@Ottawa-Hull)