

THE Maple Leaf LA Feuille d'érable

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NEW CDS DELIGHTED with APPOINTMENT

He's the son of a Second World War fighter pilot, the father of two currently serving Royal Canadian Air Force officers, and a fighter pilot, commander and staff officer with 37 years in the RCAF. So Lieutenant-General Tom Lawson was quick to acknowledge his lifelong connection to the military during the news conference on Monday held to announce his appointment as the new Chief of the Defence Staff (CDS).

"I'd like to express how honoured I am that the Prime Minister and the Minister of National Defence have seen fit to confer their confidence in me as the new Chief of the Defence Staff and how delighted I am to be taking over the helm of an organization in which I have quite literally grown up," said LGen Lawson. "Any

senior officer would be delighted to have the opportunity to lead the organization that we've loved and worked within."

LGen Lawson, most recently the deputy commander of the North American Aerospace Defense Command in Colorado Springs, Colorado, will assume command of the Canadian Forces from General Walt Natynczyk, who has served as CDS for the past four years. "I have the luxury of following a tremendous leader who has nurtured the CF so very well," said LGen Lawson.

"You've seen over the last decade and more how well the Canadian Forces, the soldiers, sailors and airmen have [represented] Canadians both here in Canada and abroad. So General Natynczyk will pass to me a CF that displays tremendous



professionalism in all areas. Whether at home or abroad, our men and women reflect the best that Canada has to offer."

Among his many tours of duty, LGen Lawson has served as a fighter pilot, the commanding officer of 8 Wing Trenton, Ont., 412 Transport Squadron, 8 Wing Trenton, Ont., as well as the Assistant Chief of the Air Staff at National Defence Headquarters in Ottawa.

"He is a great officer and gentleman who will continue to lead the men and women of the Canadian Forces with distinction. I know he will enjoy the support of great Generals, Admirals, Officers, and equally, all the ranks, through to the most junior privates and ordinary seamen, said Gen Natynczyk. "It is an honour to serve Canada, the men and women in uniform and their families and to make a contribution for peace and security."

During his remarks to the media, LGen Lawson outlined his top priorities.

"My priorities will be to maintain the course we're on, which is to ensure that our operations are carefully looked after and nurtured; that the [Canadian] Forces of today are very well trained and have the equipment required; that we look after our wounded soldiers; and [lastly], to look after the forces of the future by providing our best advice to the government on how we can best situate ourselves to provide them the options required for future operations, both home and abroad."

A formal process and timeline for the handover of responsibilities and a change of command ceremony are underway. ♦

SUMMER ANNOUNCEMENTS AT DEFENCE

This past summer has seen many announcements benefitting members of the Defence Team. Below is a summary of some of the announcements made to ensure that Defence has the equipment and infrastructure in place to meet the challenges of the future.

June 28: Infrastructure improvements at CFB Petawawa, Ont.

A total investment of \$49 million toward several infrastructure projects at the base were announced, including:

- the Joint Personnel Support Unit will coordinate services delivered throughout the region in support of ill and injured CF personnel and their families;
- the Equipment Fielding Coordination Centre (EFCC), valued at \$3.5 million;
- and commitments totaling nearly \$39 million towards two training accommodations facilities, one of which will support the Medium-to-Heavy-Lift Helicopter program.

July 9: Infrastructure projects at CFB Suffield, Alta.



A total investment of just over \$17 million for two projects were announced (pictured above):

- the construction of a new Range Control Facility;
- and the replacement of the base's fire hall.

July 10: New Canadian Forces armoury in New Glasgow, N.S.

- This new building will be used by infantry personnel for training and equipment maintenance.

July 11: LAV III Upgrade Project subcontract

- A \$5 million subcontract has been announced for the manufacture of three power control modules for each Light Armoured Vehicle III vehicle. Power control modules are used to control and distribute electrical power throughout the vehicles.

July 15: Upgrades for Naval Radio Station Aldergrove, B.C.

- \$1 million has been announced for the modernization of key parts of the station's electrical equipment. The upgrades will strengthen ship-to-shore communications for Canadian and allied armed forces on operations throughout the world.

July 19: Infrastructure improvements for CFB Esquimalt, B.C.

Four projects were announced, including:

- the replacement of obsolete electrical equipment at Canadian Forces Ammunition Depot Rocky Point;
- the outfitting of the Canadian Towed Array Sonar System block. This work centre will aid in the maintenance and repair efforts conducted on all electronic ship systems, such as communications, radar and electronic warfare sensor equipment;
- repairs to one of the jetties in the dockyard;
- and the replacement of transformers at the Canadian Forces Fleet School.

July 20: Infrastructure projects at CFB Wainwright, Alta.

- Five existing buildings will be renovated and two additional buildings will be constructed to house the Opposing Force Facilities at the Canadian Manoeuvre Training Centre.
- The Vehicle Maintenance Facility upgrade will consolidate all maintenance and support operations into a single facility to accommodate the updated Canadian Army vehicle fleet, which includes the LAV III and Leopard 2 tanks.

July 24: Canadian Forces Weather and Oceanographic Service

- The scope of this announcement stretches across Canada, but specifically affects Canadian Forces Bases Gagetown, N.B., Esquimalt, B.C., and Halifax.
- The project involves a variety of infrastructure work, including the expansion of the former Army Meteorological Centre at CFB Gagetown to house the new Joint Meteorological Centre. Other work includes renovating the existing Meteorological and Oceanographic Centres at CFBs Esquimalt and Halifax.

July 27: Investment in CF training

- \$38 million was announced for flight simulation technologies to support effective training and preparation of CF personnel.

August 13: Infrastructure improvements and remediation activities for 5 Wing Goose Bay, N.L.

- Two infrastructure improvement projects and 10 contract awards for remediation activities were announced as part of the Goose Bay Remediation Project (GBRP). The GBRP is part of a larger Government of Canada initiative to assess and remediate federal contaminated sites. The 10 contracts awarded under the GBRP include fence installation, fuel recovery, upgrades to a fuel transfer area, soil and site remediation, environmental drilling, risk assessment, and survey work.
- The infrastructure improvements include repairs to the airfield and roof repairs to one building, for an investment of over \$2 million.

August 16: Infrastructure contract at Land Force Central Area Training Centre Meaford, Ont.

- This \$1.2 million project will see buildings primarily used to house soldiers and equipment upgraded. ♦

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COVER:

LGen Tom Lawson (then MGen) in the cockpit of the new CC-130J Super Hercules tactical airlift aircraft in 2010.

PHOTO: Sgt Frank Hudec

A RENAISSANCE FOR CANADA'S PRIMARY RESERVE

After a decade of supporting the Canadian Forces mission in Afghanistan and other high-priority efforts, the Primary Reserve is being revitalized to ensure it has the capacity to meet 21st century needs, while continuing to be an integral part of the CF.

As a result of the change in tempo in Afghanistan and other overseas operations, and the associated increase in full-time Reserve positions, the CF is now looking at how the Reserves, especially the Primary Reserve, can be structured to meet future needs in light of the recent budget reductions affecting the entire Defence Team.

"As we transition our strategic commitments and focus on the next challenges of Transformation and the *Canada First* Defence Strategy, it remains clear that a robust and well-trained, part-time Primary Reserve will remain key to the ability of the CF to meet the security and defence needs of the future," said General Walt Natynczyk, Chief of the Defence Staff, in a CF General Message released in September 2011.

In order to further this vision, a number of working groups have been involved in assessing strategic roles and capabilities for the Primary Reserve.

These changes are part of the continuing efforts, now known under a Vice-Chief of the Defence Staff Initiating Directive called Rationalization of the Primary Reserve (RPR).

"This evolution is not a sign of uncertainty, but of the important role Primary Reservists play in the successful achievement of the CF mission," said Captain(N) Kim Kubeck, Director Reserves, who leads one of several CF organizations involved in RPR implementation.

The RPR Working Group is addressing policies, procedures, and changes related to the management of Primary Reserve service. The group is also focused on the challenges inherent in the CF's ability to track the size and readiness of the Primary Reserve.

The work being conducted today under the RPR follows the release of the Primary Reserve Employment Capacity Study (PRECS) final report in November 2011. The study, designed to ensure continued Primary Reserve support of the Canadian Forces' core mission, led to the development of a series of priorities and recommendations regarding the Primary Reserve. The PRECS report, and follow-on work after it, have identified and prioritized full-time Reserve positions, and recommended policies and procedures to manage Primary Reserve service, while ensuring the long-term health of the Primary Reserve is based primarily on part-time service.

"My vision for the Primary Reserve is a force that consists of predominantly part-time professional CF members, located throughout Canada, ready with reasonable notice to conduct or contribute to domestic and international operations to safeguard the defence and security of Canada," said Gen Natynczyk in the September 2011 CF General Message. ♦



PHOTO: MCpl Holly Cowan

PENSION AND BENEFITS INFO AT YOUR FINGERTIPS

Visit the **new** Public Service Pension and Benefits Portal at www.pensionandbenefits.gc.ca, your one-stop shop for pension and benefits information.

You can find great resources on this easy-to-use website, such as:

- Plan details
- Pension calculator
- Videos
- Tools
- Forms
- News
- And more!

REGULAR FORCE PERSONNEL WILL NO LONGER RECEIVE PRINTED PAY STATEMENTS IN THE MAIL **AS OF OCTOBER 2012.**

Pay statements remain available on the DWAN through the Employee Member Access Application (EMAA). Statements can be viewed at the EMMA site or individuals can arrange to receive statements by email.

See vcds.mil.ca on the **DWAN** for more information. Complete details on how to obtain pay statements using EMMA are included in CANFORGEN 156/12 dated August 16. This change does not affect Reserve Force or civilian personnel, and Reserve units will continue to be responsible for delivering pay statements to members of the Reserve Force.

Civilian employees are encouraged to request electronic pay statements using the Compensation Web Applications.

Click on "Pay and Pension Services" under "Quick Links" at www.pwgsc-tpsgc.gc.ca.





Op NANOOK 2012: Training put to the test

In support of the Government's *Northern Strategy* and the *Canada First* Defence Strategy, Operation NANOOK '12 continues to build upon our existing presence and capabilities in the Arctic. Through a whole-of-government approach, the CF are delivering a balance of permanent and temporary presence in support of the exercise of Arctic sovereignty, and enhancing liaison and cooperation with other government departments and agencies so we can better support them when called upon.

CF MEDICS RESPOND TO ACCIDENT ON DEMPSTER HIGHWAY

As has been the case with other installments of OP NANOOK, CF members were called into action on two real-life incidents, and there was a rare public demonstration by CANSOFCOM.

Three Canadian Forces medical technicians were in an ambulance just north of Tsiigehtchic, Northwest Territories on August 11 when a woman came running towards them asking for help.

Ashley Lennie explained that she and two others had just been in a vehicle accident on the Dempster highway and she was running towards the nearby ferry terminal praying that someone would be there to help.

"When I saw you guys I said even better,

because I know you guys are trained," she said. "I just yelled help and they started running towards me."

The CF medics had just arrived in the Tsiigehtchic area for Operation NANOOK 2012.

"The first thought in my head was that we were starting training scenarios already, but we quickly realized this was real," said Corporal Chris Harrop.

One of the medics stayed with Ms. Lennie and provided her with medical assistance while the other two headed down the highway to the scene of the accident, roughly 1 km away.

The medics arrived and began assessing

the situation. There were two other occupants in the rolled over vehicle, a male driver and his daughter. The daughter was not seriously injured in the crash, but her father had to be placed in a neck and spinal brace before being extracted from the vehicle.

"We had recently practiced extracting a patient from a vehicle, so it was fresh in my mind," said Private Mike Toms. "It is always different when the situation is real, but the training we had just done allowed me to react with confidence to the situation."

After extracting the patient from the vehicle, the medics loaded him into their ambulance and began the hour and a half long drive back

to the Inuvik Regional Hospital where they transferred the patient to the hospital medical staff for follow-on treatment.

CF medical personnel were just one of many civilian and military participants in Op NANOOK 2012. The operation was conducted August 1 to 26 in two locations: in the Western Arctic, in and around Inuvik, and Tsiigehtchic, Northwest Territories; and in the Eastern Arctic in Hudson Strait, Hudson Bay, and Churchill, Man.

For more information on Operation NANOOK 2012 visit: <http://www.forces.gc.ca/site/news-nouvelles/news-nouvelles-eng.asp?id=4338> ♦

440 SQUADRON CONTRIBUTES TO SUCCESSFUL SEARCH AND RESCUE

INUVIK, N.W.T. — Two CC-138 Twin Otter aircraft from 440 "Vampire" Transport Squadron in Yellowknife, N.W.T. helped with the successful search for four hunters missing in the Arctic on August 17.

When the call came in to the Joint Rescue Coordination Centre in Trenton, Ont. that four hunters were a week over-due returning to Tuktoyaktuk, a remote community on the Arctic Ocean, several aircraft were dispatched, including a CC-130 Hercules from 435 Transport and Rescue Squadron, based in Winnipeg, and the two CC-138 Twin Otters.

The Twin Otters combed the coastline while the Hercules searched over water. It was the crew of the Hercules, which is dedicated to Arctic search and rescue, who found the missing hunters. They were approximately 300 nautical miles northwest of Tuktoyaktuk and had been adrift in their boat for four days.

The Canadian Coast Guard Ship Eckaloo arrived to pick up the hunters, who were tired, but otherwise in good health, and brought them back to Tuktoyaktuk.

"What 435 Squadron brings is personnel experienced in search and rescue and equipment that is specifically designed for rescue of people in these seemingly hopeless situations," said Lieutenant-Colonel Desmond Brophy, commanding officer of 440 (T) Sqn, where the Twin Otters are based. "Our squadron was able to use our local knowledge of the area to help narrow down the search for them."

The 440 (T) Sqn Twin Otters even used their off-strip capability to land on a sandbar to get advice from a local Aboriginal hunter that helped narrow the search.

Although the two Twin Otters are usually based in Yellowknife, they were deployed in Inuvik for Operation NANOOK 2012. Each aircraft had two local volunteer spotters from the Inuvik chapter of the Civil Air Search and Rescue

Association on board.

The squadron's Twin Otters are primarily used for tactical transport, but, like all CF aircraft, they are used for search and rescue as a secondary duty and are able to drop emergency supplies when needed. The squadron is typically called in to help with search and rescue missions once or twice a year.

"There were four people sitting in a swamped boat on the Arctic Ocean being blown out to sea who are now safe, warm and home with their families," said LCol Brophy. "That is a result of the combined work of 435 Squadron, 440 Squadron, the Canadian Coast Guard, the Royal Canadian Mounted Police and the Joint Rescue Coordination Centre." ♦



Sgt Kelly Turcotte, a patrol commander with the Canadian Rangers, stands near an inukshuk during Operation NANOOK in Churchill, Manitoba.



CF SPECIAL OPS FORCES PLAY KEY ROLE IN OP NANOOK

CANSOFCOM's Immediate Response Task Forces (IRTF) put their elite skills on display in a rare public exercise while deployed to Churchill Manitoba to participate in Operation NANOOK, Canada's premier annual northern sovereignty operation.

The IRTF, a high readiness task force composed of operators and supporters from all four Canadian Special Operations Forces Command (CANSOFCOM) units including Joint Task Force Two (JTF 2) deployed troops to the eastern Arctic to provide assistance to the RCMP from Aug 16-27. The IRTF provided swift and tailored response to a terrorist threat in the Canadian North. The exercise tested CANSOFCOM and the IRTF's ability to operate with other CF assets to exercise Canada's northern sovereignty.

"They're not in the public eye and probably will never be for a whole bunch of operational security reasons. But it's important for them to be seen to be contributing to Canada's overall defence because a lot of what we do is in the shadows," said BGen Dennis Thompson, Commander CANSOFCOM.

The operation was also significant because it marked the first time the IRTF has exercised its capabilities in the public eye. The final event of Op NANOOK's eastern scenario culminated in the take-down of a terrorist threat aboard a vessel of interest (VOI). Prime Minister Stephen Harper and Defence Minister Peter MacKay watched the operation unfold from the deck of the VOI, while outgoing CDS General Walt Natynczyk and a number of other VIPs and reporters embarked in HMCS *St. John's* to observe the final hit.

IRTF assaulters took down the vessel by sea and air; hitting the vessel in a co-ordinated operation

via maritime assault craft and by rappelling onto the deck of the VOI from CH 146 Griffon helicopters flown by crews from 427 Special Operations Aviation Squadron (SOAS).

While the IRTF, in particular, and CANSOFCOM prefers working away from the spotlight, the task force makes a significant contribution to Canadian security and frequently conducts training to enhance interoperability with various components of the CF and other government departments. Their training helps maintain core skills and competencies that will be called upon by the Government of Canada to defend Canadian national interests both domestically and internationally.

"This is a tier-one, (special operations force) organization that is unparalleled with any of our global partners," explained Thompson.

JTF 2 executes a wide range of special operations activities with an agile, multi-purpose force that operates globally in uncertain, high-threat and sensitive environments. JTF 2's primary role remains counter-terrorism. Assaulters from the unit are capable of inserting onto any objective using a variety of techniques including fixed and rotary wing aircraft, surface ships, maritime assault craft and ground mobility platforms. Since its creation, the unit has supported CF operations at home and around the globe, while continually developing new capabilities, technologies and tactics to provide Canada with effective means

to combat terror. The unit has an intensive selection process and all members, whether assaulters or supporters, are expected to maintain exceptional levels of professional proficiency and readiness. Members of JTF 2 are mature, highly skilled professionals capable of operating in complex and ambiguous situations, in a multitude of environments including urban, arctic, jungle, desert, mountain and maritime domains. ♦



Members of the IRTF assault the vessel of the interest during Op NANOOK 2012, repelling from Griffon helicopters crewed 427 SOAS and with maritime assault craft while at sea in the waters off Hudson's Bay.



IRTF assault craft stand off the starboard quarter of the vessel of interest while assaulters secure the vessel and call in a cormorant to Medevac a simulated casualty during the final hit of OP NANOOK 2012.

RIMPAC 2012: MULTI-NATIONAL EXERCISE BRINGS NATIONS TOGETHER

After months of preparation and weeks of training, 25,000 personnel from 22 nations breathed a collective sigh of relief as the Rim of the Pacific Exercise (RIMPAC) 2012 came to an end.

Conducted in and around the Hawaiian Islands and in southern California, the world's largest maritime exercise ran from June 29 to August 3. The exercise included more than 1,400 Canadian Navy, Army and Air Force personnel.

"I am truly pleased with what we have achieved as part of this exercise," said Rear-Admiral Ron Lloyd, the Deputy Combined Task Force Commander and the most senior Canadian participating in the exercise.

"The challenging scenarios allowed Canadians and our Pacific Rim partners to develop the skills we will need to work successfully with each other, wherever we may be called upon to deploy."

Royal Canadian Navy participation in the

exercise included six ships and two teams from the Fleet Diving Unit stationed in Victoria, B.C. The Royal Canadian Air Force provided 13 aircraft, while the Canadian Army's participants included over 100 soldiers from the Edmonton-based 1 Canadian Mechanized Brigade Group. In addition more than 100 CF personnel served in a variety of staff and leadership positions on the exercise.

"A significant highlight was HMCS *Victoria's* Mark 48 torpedo shoot," said RAdm Peter Ellis, commander of the Pacific Fleet and the Amphibious Assault Task Force Commander for the exercise.

"As an exercise participant, a submariner, and as the commander of Canadian Fleet Pacific, I was truly proud of her efforts and of those who have supported her here and back home."

Other naval highlights included HMCS *Ottawa* and HMCS *Algonquin* training as part of the multi-national task group attached to defend the American aircraft carrier

USS *Nimitz* for the exercise. Off the coast of San Diego, HMC Ships *Brandon*, *Saskatoon* and *Yellowknife*, along with a team from the Fleet Diving Unit Pacific, conducted three weeks of mine warfare training with US and Australian counterparts.

From the RCAF perspective, the exercise provided many opportunities to confirm a variety of skills. HMCS *Algonquin's* air detachment had a landmark day when its Sea King helicopter dropped five exercise torpedoes in one morning during an anti-submarine warfare training and research event.

The seven-strong CF-18 detachment practiced close air support and defensive counter air and strike missions and supported a combat search and rescue exercise for a 'downed' pilot. Finally, air-to-air refuellers delivered millions of pounds of fuel to Canadian and US aircraft.

For the Canadian Army, the exercise provided opportunities to train with coalition

partners, to hone warfighting skills at the section, platoon and company levels, and to train in evacuating civilians from areas of conflict.

"RIMPAC was an outstanding training venue... where our tactics, techniques and procedures could be rehearsed and validated in a coalition environment," said Major Stephen Davies, Alpha Company commander, 2 PPCLI. "There are tremendous training facilities in Hawaii and we capitalized on the time we had here to train. I couldn't be more pleased with the level of competence, professionalism and adaptability of my soldiers on the international stage."

CF participation in RIMPAC dates back to 1971, when the exercise brought together ships from Australia, the US and Canada. Since then, the biennial exercise has grown into a truly multinational event, involving air, land, marine and maritime elements from around the world.

See page 16 for more on RIMPAC 2012. ♦



FACE OF OPERATIONS

UAV DETACHMENT COMPLETES HISTORIC DEPLOYMENT

HMCS *Charlottetown*'s historic, seven-month-long deployment in the Mediterranean highlighted the collaborative military and civilian partnership and expertise that exists across the entire Defence Team. Charlottetown bade farewell to the ScanEagle unmanned aerial vehicle (UAV) detachment that shared the flight deck with Osprey, the Halifax-class frigate's CH-124 Sea King helicopter. She was the first Canadian warship to carry a UAV detachment throughout an expeditionary deployment.

Because the ScanEagle is still under trial, HMCS *Charlottetown*'s UAV detachment included civilian technicians, as well as soldiers, sailors and airmen and air women.

UAVs are not new to the CF — the first was the CU-161 Sperwer, which entered service in Afghanistan in February 2006. The skills required to launch, fly, recover and maintain them are sourced from a variety of military occupations in the Canadian Army, the Royal Canadian Navy and the Royal Canadian Air Force.

"Coming from the Army, there were certain things that my team and I had to adjust to when operating in a marine environment," said Sergeant Michael Jenkins, a Royal Canadian Artillery NCO and the senior UAV operator and controller on HMCS *Charlottetown*. "The constant movement of the ship made launch and recovery different from on land, and there was naval lingo and acronyms we had to learn to be able to operate smoothly with the sailors

in the Ops Room."

The Operations Room is the nerve centre of this collaborative effort. Typically, the ship detects a vessel on radar or receives an intelligence report about a "vessel of interest". Traditionally, a ship reacts in one of two ways: intercept the vessel and investigate it, or send the helicopter out to locate the vessel and assess the situation. With the UAV detachment, HMCS *Charlottetown* had a third option: send the ScanEagle to track the vessel covertly while transmitting a live video feed straight to the Operations Room.

"I've been with the ScanEagle from the beginning," said Sgt Jenkins. "For me the most important part of flying a UAV is the surveillance it provides for frontline soldiers or, in the Navy, the boarding party."

Life on a warship was an eye-opening experience for the civilian members of *Charlottetown*'s UAV detachment, from the Ottawa-based robotics firm ING Engineering.

"Adjusting to the sea state and feeling seasick at the beginning was difficult," said technician Blair Callaghan. "Add to that the constant sound of daily pipes telling you when to eat, sleep and where to be, and it's definitely a unique way to live."

"As with anything else, the more the process is repeated the smoother it gets," said ING Engineering technician Garth Matheson. "As technicians working with the Navy and with 4 Air Defence Regiment [Royal Canadian Artillery], out of CFB Gagetown, we understand — as do they — that educating each other on our roles and responsibilities is key to making this deployment a success."

HMCS *Charlottetown*'s Commanding Officer, Commander Wade Carter, appreciates the flexibility of his combined air detachment. "UAVs will never fully replace the requirement for a maritime helicopter and its crew at sea," he said. "While the ship and the helicopter are ideal for locating vessels of interest, the UAV

provides covert, stealth surveillance with a live video feed that enables the operations team to collect data and imagery of illicit activities to build a case for follow-on action or interdiction. It's my hope that the CF will continue to strive toward a collaborative approach in future naval deployments."

HMCS *Charlottetown* left her home port of Halifax on January 8 and from January 24 to April 20 she served with Standing NATO Maritime Group 1 on Operation ACTIVE ENDEAVOUR in the Mediterranean Sea. In April, *Charlottetown* was re-tasked to join Combined Task Force 150 (CTF-150), the multinational fleet conducting counter-terrorism operations in the Arabian Sea, the Gulf of Aden, the Gulf of Oman and the Indian Ocean.

HMCS *Regina* replaced her in CTF-150 in late August, and *Charlottetown* is scheduled to arrive in Halifax in mid-September. ★



Regina arrives in Arabian Sea

HMCS Regina arrived in the Arabian Sea August 19 to join the multi-national coalition fleet conducting maritime security operations in the region. HMCS Regina replaced HMCS Charlottetown, which has been in the region since April.

"HMCS *Regina*'s deployment continues our strong tradition of participation in overseas operations with our allies, while making meaningful contributions to international security and stability," said Defence Minister Peter MacKay. "Each day, Canadians use goods and services that have been influenced by maritime trade. Canada's contribution to maritime security and counter-terrorism operations plays a key role in the prosperity of our country."

HMCS *Regina* left her home port of Esquimalt, B.C., on July 3 to replace HMCS *Charlottetown* on Operation ARTEMIS, Canada's contribution to Combined Task Force 150 (CTF-150), the multi-national flotilla conducting counter-terrorism operations in the Arabian Sea, the Gulf of Aden, the Gulf of Oman, and the Indian Ocean.

Notably during her deployment, HMCS *Charlottetown* disrupted the exchange of illicit cargo between a dhow - a larger fishing-type vessel - and a smaller skiff in the Arabian Sea off the coast of Yemen on May 5. Her actions resulted in the seizure and disposal of 272 kg of hashish.

HMCS *Regina* is a Halifax-class frigate with a crew of roughly 240 sailors, including an air detachment equipped with a CH-124 Sea King helicopter and a ScanEagle unmanned aerial vehicle.

DIEPPE 70 YEARS LATER

The CF commemorated the sacrifices of Allied forces at Dieppe with ceremonies at the Dieppe Canadian War Cemetery and at other locations in Dieppe on the 70th anniversary of the raid.

The spring and summer of 1942 were some of the darkest days for the Allied effort during the Second World War. Nazi Germany occupied western Europe. Wehrmacht Panzer divisions darted eastward to conquer Russia. In the Atlantic ocean, German U-boats torpedoed and sank a record tonnage of Allied supply material destined for Britain.

Although America had recently entered the war, provoked by the Japanese attack on Pearl Harbor in December 1941, the effects of their massive military-industrial complex were yet to be felt in these early stages.

The British Prime Minister, Sir Winston Churchill, was under intense pressure from America and Russia to open a European theatre of operations. But Churchill and his staff knew it would be a mistake to attempt a full-scale invasion of France at this stage of the war. The country was strongly defended by the Germans and the Allies were still assembling and training an invasion force.

RECONNAISSANCE-IN-FORCE

Yet the seed for a large raid or a reconnaissance-in-force was hit upon by the Combined Operations Headquarters and this was the genesis of what was to become the disastrous raid on the Port of Dieppe on France's northern coast.

The task of raiding Dieppe was assigned to the 2nd Canadian Infantry Division, deemed the best trained troops of the Canadian Army stationed in Britain. The units from the 2nd Division included the Royal Regiment of Canada, the Essex and Kent Scottish Regiment, the Royal Hamilton Light Infantry, the Fusiliers Mont Royal, the Queen's Own Cameron Highlanders of Canada, the South Saskatchewan Regiment, three platoons of Montréal's Black

Watch and the tanks of the Calgary Regiment. They were joined by over 1,000 British Commandos and 50 American Rangers.

Two of the objects of the Dieppe raid were to test amphibious operations and determine whether a defended port could be taken. The plan was to take Dieppe, establish a defensive perimeter, destroy the harbour facilities and withdraw across the English Channel. And all of this was to be achieved in one morning.

The raid was originally planned for the first week of July; however, the operation was scuttled due to poor weather. A few weeks later, it was remounted and all went ahead as planned – at least at first.

BAD LUCK

The attack force boarded their ships just before nightfall on August 18 and began the relatively short journey toward the French coast in time for the surprise attack at dawn the next morning. Unfortunately for the attackers, they ran into a German convoy and a gun battle broke out. This alerted the coastal defenders in Dieppe that something was stirring. The attack force was held up and the timings for the landing became delayed.

When the Royal Regiment and the Black Watch landed at 5:10 a.m. on Puy's Beach (to the left of the main beach of Dieppe), the sun rose. The landing troops made easy targets for the soldiers of the German Army's 302nd Infantry Division. The Royals and Highlanders were cut to pieces. Those who were left on the beach surrendered before 8:30 a.m.

As for the main beach at Dieppe, the Essex and Kent Scottish, the Royal Hamilton Light Infantry and the Calgary Tanks fared little better. Now that the landings on Puy's and Pourville beaches had alerted the Germans to the grander scale of the raid, the defenders of the seaport town reacted fiercely to the Canadian invasion and few survived the horror taking place on the pebbled beach that was once a popular resort town

for British tourists.

Initial press reports about the raid were overly optimistic, but when the true picture emerged, the tragic casualty rates shocked the Canadian public.

Operation Jubilee, the code-name for the Canadian raid on the beaches of Dieppe, was Canada's bloodiest single-day battle of the Second World War. In one morning, 56 officers and 851 soldiers from the Second Canadian Division died while 586 were wounded and 1,946 taken prisoner. The Allies' first attempt at surmounting the formidable German defenses in France failed.

Although the casualties from the raid were significant, numerous lessons about mounting a seaborne assault against a tough and disciplined enemy were learned. Allied forces applied these lessons two years later during the Normandy Invasion. ♣

DIEPPE BY THE NUMBERS

5,000	Canadian Troops
1,000	British Commandos
50	American Rangers
74	Participating Allied Air Squadrons
8	RCAF Squadrons involved in the raid

CASUALTIES

907	Canadians killed
807	Canadians killed in action
28	died of wounds
72	died in captivity
586	wounded
1,946	Canadian POWs
550	Royal Navy Officers and Ratings killed
1/4	of Royal Navy invasion flotilla sunk
106	Allied aircraft shot down
13	RCAF aircraft lost



PHOTO: Cpl Heather MacRae

Dieppe veteran Arthur Edmondson Rossell, of the Essex and Kent Scottish Regiment, MCpl Roger Miner of the Essex and Kent Scottish Regiment (left), and Guy Parent, Veterans Ombudsman, lay a wreath during ceremony marking the 70th anniversary of the Dieppe Raid, at the Square du Canada in Dieppe, France.

PRIOR CF SERVICE NOW RECOGNIZED

If you are a former CF member who now works for the core federal Public Service, you may now be entitled to a little more vacation time.

Any former service in the CF for a continuous period of six months or more, either as a member of the Regular Force or as a Reservist on a Class B or C contract, will now be taken into account for the calculation of Public Service vacation entitlement, following an announcement in Budget 2012.

"This means that they could receive a similar amount of vacation

time to what they had when they were in the CF," said Jim Diamond, the human resources national project leader for collective bargaining, in the Directorate of Civilian Labour Relations at ADM (HR-Civ).

Depending on the wording of their collective agreement, most civilians get approximately three weeks of annual leave during their first eight years of employment in the Public Service. However, by the time most CF members exit the military, they are entitled to more than three weeks of annual vacation – up to five weeks for those with more than

five years of service. Until now, in order to accept a Public Service position, former CF members also had to revert to three weeks annual leave.

"This recognition is a step in the right direction to amplify that civilian and military are part of the same Defence Team," said Lieutenant-Colonel Benoit Pelletier, who gained a unique understanding of the relationship between the CF and the Public Service as the former comptroller for ADM (HR-Civ).

"This privilege goes a long way to facilitate the transition from

a military to a civilian position by allowing those leave credits to be recognised and transferable, thus allowing a military member to accept a Public Service position knowing that he or she will be entitled to the same amount of leave credit," he said.

Mr. Diamond says that the "onus is on the former CF member to provide proof of relevant CF service to their respective compensation unit." As well, he noted that this new provision applies to vacation credits only, not to pension entitlements or

other benefits.

"The majority of former CF members in the Public Service work for our department," said Mr. Diamond. "So this amendment really will have a positive affect on our workforce."

For more information, as well as directions on how to apply for this new benefit, visit the Policy and Programs/Leave section on the ADM (HR-Civ) intranet at <http://hr.ottawa-hull.mil.ca>

Please consult your Civilian Human Resources Service Centre if you have any questions. ♣

COMMIT TO GET FIT

Making the commitment to exercise regularly is one of the most important decisions you will ever make – not only in terms of your physical fitness, but also in terms of your long-term health.

Given that CF personnel are expected to exercise regularly to maintain their health and physical fitness, they should ideally try to make the time to exercise during their work day in order to enhance the operational effectiveness of the Canadian Forces. The CF Health and Physical Fitness Strategy recognizes the importance of exercise and recommends that where possible all CF personnel be given a minimum of one hour during the work day to exercise. Strengthening the Forces (STF), the CF's health promotion is designed to enable CF members to increase control over and to improve their overall health and well-being. Maintaining a high level of health improves one's ability to perform effectively and safely on CF operations, and to enjoy a high quality of life. Good health is essential to the well-being of CF members and to the operational effectiveness of the CF. DND is committed to providing of comprehensive health promotion programming for the CF.

Being healthy is more important than what colour of car to buy, how big a mortgage you can afford or even when to retire. Research clearly shows that your body is designed to be used regularly and when you do this a lot of good things happen. Regular exercise is a very effective strategy to use for

weight control, stress management, academic performance, personal energy and self-confidence. It is also an excellent way to prevent or reduce the impact of chronic diseases such as diabetes, osteoporosis, cancer, depression, heart disease, osteoarthritis and high blood pressure. You would think something that effective would need a physician's prescription and cost a great deal of money. With all the benefits that regular exercise has to offer – why not do yourself a big favour and commit to get fit!

Once you have decided to 'commit to get fit' the next step is critical; finding a workout time that works best for you. This is where many people fail because they simply cannot find the time in their crazy schedules to exercise regularly. This may come as a surprise to you, but people who are regular exercisers can't find the time to exercise either – they actually 'make' time. They schedule their workouts into their agendas the same way they schedule meetings and appointments and then protect those times the way they do other commitments. This type of planning isn't perfect but it will greatly increase your chances of getting to the gym every day.

The bottom line is if you hope to be successful with your commitment to getting fit, you need to ensure that your exercise routine fits well with the rest of your life. So why not commit to get fit so you can enjoy all of those benefits – your body will love you for it. ♣

EXERCISE IS MEDICINE!

KEEPING THE DEFENCE TEAM HEALTHY

"Commit to get fit", is the first in series of articles that will focus on active living.

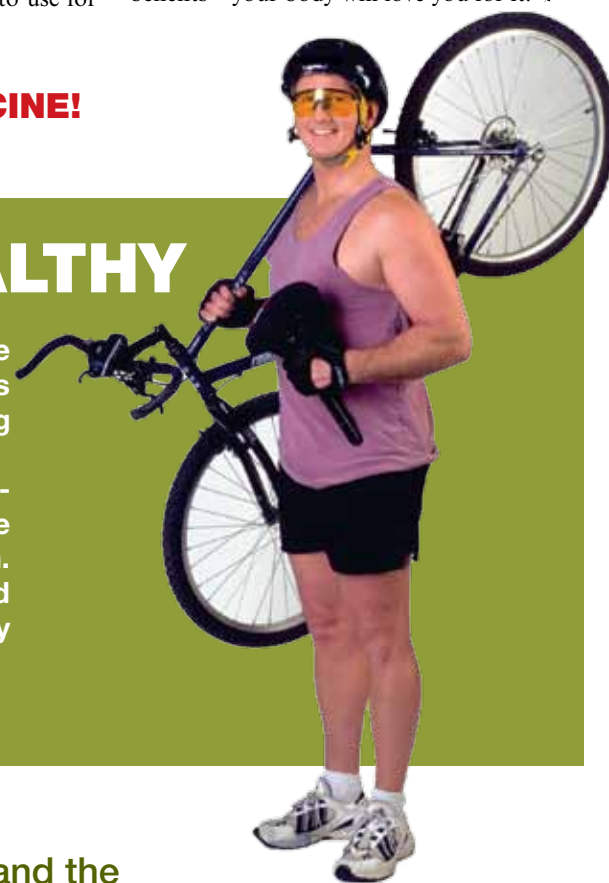
Good health is essential to the well-being of all Defence Team members, as well as the operational effectiveness of the CF, and the DND/CF are committed to providing comprehensive health promotion programming for the CF.

This series, developed in partnership with the Strengthening the Forces program, is written by Dr. Darrell Menard, a sports medicine doctor. The series aims to help Defence Team members

be informed on health-related issues, while recognizing the demographic challenges facing the Canadian workforce in the coming decades.

Strengthening the Forces is the health promotion program that assists members of the Defence Team to take control of their health.

Watch for the next issue where Dr. Menard stresses the importance of physical activity and the benefits of a healthy lifestyle.



There's something **new coming** to *The Maple Leaf* and the Defence Team intranet to benefit military and civilian members across the organization.

Keeping the defence team
Healthy

MY ROLE IN THE CFDS

MY ROLE IN THE CFDS features military and civilian personnel and occupations throughout the Defence Team. Featured profiles use real-life stories to illustrate the dedication, excellence and professionalism of personnel and employees in their day-to-day jobs under the purview of the Canada First Defence Strategy.

**MASTER CORPORAL
KATIE O'CONNOR:**

FLYING HIGH WITH THE CF

"It's the best kept secret in the military," said Master Corporal Katie O'Connor of 437 Transport Squadron. After 11 years of service in the CF, MCpl O'Connor can brag of a career that has taken her to more places in the world in two short years than most people get to see in a lifetime.

MCpl O'Connor, a flight attendant with 437 Transport Squadron at 8 Wing Trenton, spends hundreds of hours of air travel each year supporting Canadian missions across the world.

Born into the CF – her father is a retired armoured corps Master Warrant Officer – MCpl O'Connor enlisted in the CF in 2002, choosing the mobile support equipment operator trade following basic training. She wore an Air Force uniform upon graduation.

"Everyone in my family is Army. But I wanted to blaze my own trail and joined the Air Force," said the straight-talking master jack.

With two deployments behind her, one in 2006 to Camp Mirage in the United Arab Emirates and the other to Kandahar in 2008, MCpl O'Connor's world tour with 437 (T) Sqn took off in 2010 when she was accepted into the Flight Attendant Trade.

"I'd heard a bit about the trade through people working with 437 and I decided to apply after some investigating."



She hasn't looked back since.

"I have visited 19 countries in the last two years: Iceland, Greece, France, The Netherlands, it's endless. Who gets to do that in their career?"

MCpl O'Connor's job also sees her participating in VIP and state visits, as well as accompanying members of the Royal Family and the Governor General on Canadian tours.

"I've met Prince William and Kate, the Queen, Prince Charles, Jarome Iginla [of the Calgary Flames] and also accompanied Team Canada to Afghanistan. We also work with the VIPs' entourages and the media who accompany them. It's very cool to meet everyone involved."

The Flight Attendant Trade is considered an out-of-trade

posting. Eligible candidates must pass a series of pre-selection examinations which are conducted to determine their suitability. Once accepted, personnel sign on for a minimum of three years with the possibility of two one-year extensions. Successful applicants report to 8 Wing Trenton for three months of on-the-job training where candidates study safety procedures, international law, flight preparation, safety equipment and other related aspects of flight attendant duties, which are subject to rigorous procedure.

"We show up two hours prior to flight and do our operational and safety checks," said MCpl O'Connor. "One of my responsibilities is to check all monitors on board, ensure all the head-sets are working and then I go on and do my job-specific checks. Once the food is loaded onboard, we have our crew brief and then the passengers come on. I'm responsible for in-flight announcements, too, so I get on the PA system. Once they're done, we take off and then our passenger service begins. Most people think that all we do is smile and serve coffee but in fact, there's a lot more prep work and post flight duties involved than people actually see."

As for what a day in the life of a member of 437 (T) Sqn looks like, MCpl O'Connor says: "There's never a typical day 'at the office'. Be prepared for change. You never know what you'll come into when you come to work. Sometimes we only get a couple hours notice before we take [VIPs] across Canada. That's stressful, but that's when the crew comes together and operates like a team."

"Everyone relies on each other and everyone pitches in no matter their rank or their job. It all has to get done." —MCpl Katie O'Connor

Now into her third year with 437 (T) Sqn, MCpl O'Connor is considering an extension before returning to the MSE-Op trade.

"This job is fast paced, but I love it. We have a great crew, everyone relies on each other and everyone pitches in no matter their rank or their job. It all has to get done."

"If I have advice to new people in the military, I would say take the opportunities when they arise because you never know if they'll come again. And although we are soldiers first, don't forget to have a little fun while you're at it." ♦



PHOTO: Cpl Dan Strohan

MCpl Katie O'Connor, a flight attendant with 437 Transport Squadron, stands in front of a CC-150 Polaris at 8 Wing Trenton.

FOCUS ON PEOPLE

DEFENCE LEADERSHIP

RECOGNIZES CANADIAN DEFENCE ACADEMY (CDA) ABORIGINAL TEAM

As part of the Defence Team's commitment to celebrating excellence within the organization, profiles of the 2012 Corporate Awards recipients will be featured. The following profile is of CDA Aboriginal Team, recipient of the Management of Human Resources Award, in the Employment Equity category.

It is not every day that members of the Defence Team have the opportunity to talk to the Deputy Minister, the Chief of the Defence Staff and the Vice-Chief of the Defence Staff about

their work and accomplishments. This was just one of the surprises that awaited the 2012 Corporate Award recipients at the National War Museum in Ottawa this past June.

As a recipient of the Management of Human Resources Award, Lieutenant-Colonel Chantal Fraser, Senior Staff Officer Plans was one of the Canadian Defence Academy (CDA) Aboriginal Team members recognized by defence leadership at the ceremony.

"We were thrilled to receive the award. The support from the highest level of the Canadian Forces was just fabulous! Attending the ceremony, and seeing the level of the award we received was an honour for the team," she exclaims.

Although LCol Fraser sees the award as an honour and appreciates the recognition, she explains that, "We don't do the work for the recognition; we do the work because it's what we love to do."

LEADING THE WAY IN INCREASING DIVERSITY

LCol Fraser and members of the Aboriginal Team at the CDA help to increase an understanding of Aboriginal culture and cultural diversity for CF personnel. They strive to develop leadership opportunities for Aboriginal peoples through various CF programs. As a result of their efforts, specific Aboriginal programs have been created to demonstrate to Aboriginal communities in rural, urban and remote locations, that the CF offers a fair and equitable environment in which to serve.

One of the team's recent successes was the development of a Northern Aboriginal Awareness Course intended to increase Defence Team member's cultural understanding of the North.

The CF conducts a series of programs that expose potential Aboriginal recruits to life in the CF. (see side bar) LCol Fraser explains how these programs are designed to introduce aboriginals to the CF in a "try before you buy" environment. Many successful candidates end up joining the CF upon completion of the program, but those who don't still develop valuable leadership skills they can use in their communities.

"The CF has employment equity goals in order to be reflective of Canadian society. These Aboriginal programs are unique because they are entry programs that have the potential of attracting one of the designated groups to the Canadian Forces," says LCol Fraser.

For more information on the 2012 Corporate Awards recipients visit dt-ed.mil.ca. ♦



An Aboriginal dancer performs during the graduation ceremony for the Bold Eagle course at CFB Wainwright, Alta. in 2011.

ABORIGINAL TRAINING PROGRAMS

1. Canadian Forces Aboriginal Entry Program (CFAEP)

The CFAEP is a three week training program that has introduced thousands of Aboriginal candidates to Regular Force military training and has helped them to make their decisions about whether the CF is right for them. CFAEP graduates are offered enrolment in the CF for occupations which they have selected and are assessed as a suitable fit.

2. Aboriginal Summer Programs; Bold Eagle, Raven, Black Bear

All successful candidates receive their reserve basic military qualification. Aboriginal Summer Program candidates are enrolled in the Primary Reserve and, upon successful completion of the program, are given the option of transferring to the Regular Force Unit, transferring to a Primary Reserve Unit or being honourably released.

3. Aboriginal Leadership Opportunity Year (ALOY)

ALOY provides Aboriginal youth who are high school graduates with an opportunity to combine a university-level educational experience and military leadership training, with physical fitness and cultural development. Upon completing the program, successful candidates who meet the academic requirements will be given the opportunity to compete and continue at the Royal Military College of Canada (RMCC) in a degree program under the Regular Officer Training Program or with the Reserve Entry Training Program. ALOY Officer Cadets may apply to other post secondary institutions or may become a non-commissioned member of the CF. They may apply to other government agencies or may be honourably released and return to serve in their own communities.

For more information on these programs, please visit forces.ca site and click on the 'Equality in the CF' button.

PHOTO CONTEST HONOURS MILITARY LIFE

Since 1968, the annual DND Photography Contest has celebrated the many facets of military life through recognizing excellence in the art of photography. Honouring both the novice and advanced, photographers compete for top place finishes in nine categories, and distinguished titles such as Photographer of the Year.

Lieutenant-Colonel Geoff Carter is passionate about photography and sharing his work with others. The annual contest provides him the perfect chance to showcase his work.

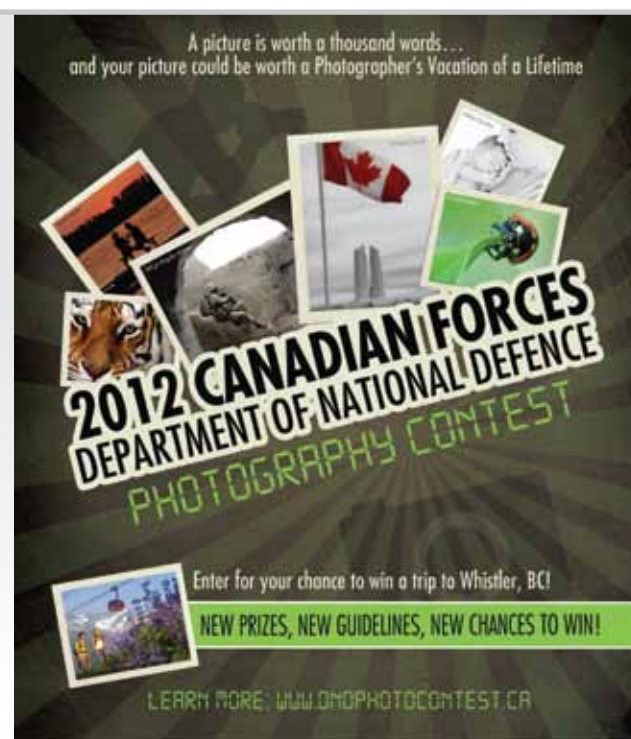
"This is my opportunity to be creative. I control the location, time of day, composition and each picture floats or sinks on what I have done," LCol Carter says. "It is a great feeling to have someone look at one of your creations and say, Wow!"

Photography contributes in a valuable way to the Defence Team, both in operations and overall moral and welfare. Photographs share a story with Canadians; they can connect military life and interests we share in common. Approximately 250 CF imagery technicians are trained to provide imaging services in support of military operations, public affairs and engineering activities. They document the important events in the life and times of the CF.

The program is organized by CF Imagery Services and CF Personnel and Family Support Services and made possible through the partnership with private industry.

All photographers who enter a submission to the DND photo contest will be entered to win a vacation package to Whistler, B.C.

Entries will be accepted now until October 1. For information and how to enter, visit: www.dndphotocontest.ca.





TWO OMBUDSMEN AT YOUR SERVICE!

Who can you turn to for answers and for help when you feel that you have not been treated properly or fairly? Understanding the roles of the DND/CF Ombudsman, Pierre Daigle, and the Veterans Ombudsman, Guy Parent, will go a long way in answering that question.

The Office of the DND/CF Ombudsman acts a direct source of information, referral and education to help members of the Defence community access existing channels of assistance or redress when they have a complaint or concern. The Ombudsman's office investigates

complaints from current and former CF members, departmental employees, family members and other constituents who believe they have been treated improperly or unfairly by the DND/CF. More broadly, the DND/CF Ombudsman has a mandate to investigate and make recommendations to improve the overall well-being and quality of life of the members of the Defence community.

The Office of the Veterans Ombudsman assists former and current members of CF and the RCMP, as well as their families, who are in receipt of, or may be eligible for benefits

and services provided by Veterans Affairs Canada. The Office can help you resolve issues in your dealings with Veterans Affairs Canada, answer questions and help you find services that meet your needs. In addition to providing information and addressing individual complaints from those who believe they have not been treated properly or fairly by Veterans Affairs Canada, the Veterans Ombudsman reviews and makes recommendations to address broader systemic issues related to the Veterans Review and Appeal Board, and to programs and services provided by Veterans

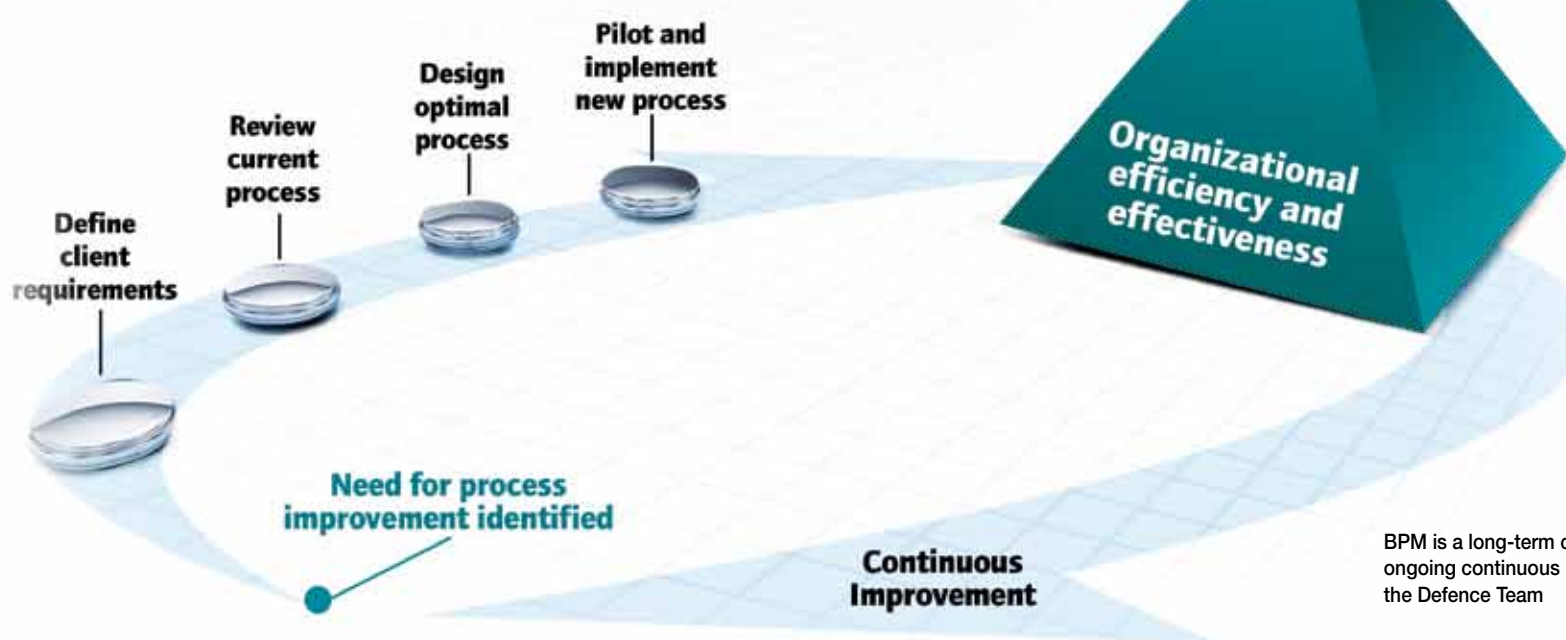
Affairs Canada.

The distinction in the mandates of both Offices does not preclude both from working together, particularly on issues related to transition from military to civilian life.

The Office of the DND/CF Ombudsman can be reached at (toll-free) 1-888-828-3626 or online at www.ombudsman.forces.gc.ca. You can reach the Office of the Veterans Ombudsman by calling (toll-free) 1-877-330-4343 or by going to www.ombudsman-veterans.gc.ca.

At your service – two Ombudsmen dedicated to fairness! ♦

BUSINESS PROCESS MANAGEMENT: WORKING BETTER AS A DEFENCE TEAM



BPM is a long-term cycle that includes ongoing continuous improvement for the Defence Team

We've all been there before, doing something that we didn't think was as efficient as it could be. Now, the DND/CF is tackling these inefficiencies by incorporating proven best practices from the private and public sectors to improve processes through Business Process Management (BPM) across the Defence Team.

Julie Gutteridge, Strategist in Business Process Management at ADM HR-Civ explains that this new approach, which is already underway, will benefit all members of the Defence Team as BPM strives to get everybody in the organization involved. BPM looks at the way we do what we do to see how we can more effectively respond to client needs.

If you follow the same route every morning to get to work, she explains, and you map out every road you take including those stop signs, you may see that there is some inefficiency in your route. In doing so, you might discover a different route that you were not aware of. This principle holds true for BPM. It allows you to rethink the flow of activities and eliminate unnecessary steps in the process.

As a result of the Strategic Review and government-wide spending reviews, the DND/CF must find ways to work more efficiently. BPM allows you to step back and look at a process from an organizational and a client-oriented perspective, rather than in siloed units.

"We cannot continue with the status quo. We don't want people doing more; we just want people doing it in a better way," explains Ms. Gutteridge.

EMPLOYEES HAVE A SAY

What makes this approach so innovative is that it is an opportunity for members of the Defence Team to work alongside end users to identify and eliminate ineffective processes, and to ultimately redefine how we work together by creating new ways of doing business.

"The employees who do the job every day have the power to provide client-focused solutions. They are the ones attending the working groups and are giving the recommendations on how the organization can improve its processes by focusing on client needs," says Ms. Gutteridge.

"Leadership within each group identifies which employees form the membership of these groups" she says. "When doing so, they need to select the people that know the business and that are also open to seeing what's working and what's not working so well."

"We cannot continue with the status quo. We don't want people doing more; we just want people doing it in a better way."

—Julie Gutteridge, Strategist in Business Process Management

WORKING TOWARDS A COMMON GOAL

It's not just the individuals in the working groups that can have an impact. The participating members maintain their regular position during the review process, so they go back to their teams to discuss issues and ideas around the existing processes. This collaboration with other professionals can help improve the process even further.

In redesigning business processes with ideas originating from the people actually doing the work, employees are empowered. This also adds more clarification to a given process by identifying who is doing what, and what procedures need to be developed.

BPM is a long-term cycle that includes ongoing continuous improvement for the Defence Team and Ms. Gutteridge explains that there is a good reason for the long timeline.

"It's an approach that can lead to a culture shift in the way we work and the way we see our work. You want to make sure that you are creating the best solutions for all individuals involved and that the new processes are stable and can sustain themselves."

For more information on the various change initiatives at the DND/CF, visit the Focus on Change site at dt-ed.mil.ca ♦

MAPPING EXERCISE

Since workplace improvements start with you, here is an exercise you can do.

Take the time to reflect on a task you do. Map out all the steps to see if there are small changes that you can apply to make the process more effective and efficient. Share your findings with your manager.

The **SCIENCE** behind CF Operations- Defence Scientists in the lab and on the battlefield

For CF members in the heat of combat, with mere split seconds to make life-altering decisions - there is little time to think about the equipment and technology brought into the field. It just has to work.

Although much of their work takes place in labs or research facilities far from the front lines, Defence scientists help to ensure that Canada has a first-class, modern military that is well-trained, well-equipped and ready to take on the challenges of the 21st century.

Defence scientists supporting the CF are from Defence Research and Development Canada (DRDC), a DND agency responsible for responding to the scientific and technological needs of the Canadian Forces. DRDC also works with DRDC Chief Executive Officer Dr. Marc Fortin, is DRDC's Chief Executive Officer. Dr. Fortin also serves as Assistant Deputy Minister (Science and Technology).

“What the science and technology community has done for us here at home and out on the battlefield is priceless.”

— LGen Stuart Beare

As CF members in the Canadian Army, Royal Canadian Navy and Air Force carry out their work, DRDC scientists and support staff work to understand and meet the science and technology requirements of the CF and its members.

DRDC's mission is to ensure that the CF are technologically prepared and operationally relevant by providing expert S&T advice to DND/CF, conducting research, development and analysis to contribute new

and improved defence capabilities, and anticipating and advising on future S&T trends, threats and opportunities.

With a history dating back to the Second World War, DRDC produced the first g-suit for pilots, played a part in Canada's first satellite, and

developed enhanced armour protection for LAV III vehicles that made them more resistant to improvised explosive devices.

The important role Defence scientists play in helping the CF to achieve mission success was on display in a June ceremony at DRDC offices in Ottawa.

Lieutenant-General Stuart Beare, Commander, Canadian Expeditionary Force Command (CEFCOM), recognized five Defence scientists who deployed in support of

Operations ATHENA and ATTENTION — in Afghanistan. Each defence scientist had contributed in a unique way to the Afghanistan missions. Their work included, preparing deployment schedules for a highly specialized Afghan National Police unit, creating a database for data collection and analysis for budget requirements, analyzing the force density of Panjwa'i District, and working with international counterparts on matters related to equipment and technology.

LGen Beare presented the honours, which consisted of the General Service Medal South-West Asia Service Medal, and Rotation Bars. LGen Beare also spoke of the important role the scientists and DRDC played. “What the science and technology community has done for us here at home and out on the battlefield is priceless,” said LGen Beare. ♣

JOINT EFFORTS SERVE ATLANTIC CANADA

When hurricanes, forest fires and floods devastate communities, the CF can play a key role in helping restore and rebuild those communities. Just take a look at some recent work by Joint Task Force Atlantic (JTFA).

In September 2010, the destruction wrought by Hurricane Igor in rural Newfoundland required hundreds of soldiers, sailors and air force personnel to quickly reach isolated communities to help local authorities control flooding and restore washed-out bridges.

“Atlantic Canada boasts some of this country's most beautiful, most remote and most unforgiving terrain,” said Brigadier-General Christopher Thurrott, Deputy Commander of Joint Task Force Atlantic. “This geographic

challenge requires the military in this region to work very closely together.”

The, the Atlantic region's demanding geography meant a joint response. Soldiers responded from New Brunswick and throughout Newfoundland, an RCN ship returning from a deployment was re-routed to Newfoundland to help, and an RCAF Sea King helicopter from that ship was dispatched to deliver supplies and personnel to the cut-off communities.

BGen Thurrott said Canadians expect their military forces to work closely together, and that's why the CF dedicates such effort to planning, preparedness and communications—particularly in Atlantic Canada, a region with a

military footprint that includes Halifax, the home of Canada's East Coast fleet, several RCAF bases, Army Reserve units in every sizeable community, and CFB Gagetown.

Contingency plans to deploy CF personnel are reviewed regularly, contact lists are updated, and designated Army, Navy and Air Force units are always on stand-by, ready to deploy anywhere in the region within a matter of hours once the call for help comes in.

“We maintain excellent situational awareness every day, at all hours of the day, to ensure we're prepared to respond with all required resources,” said BGen Thurrott.

The importance of these planning efforts was illustrated in May and June 2012 when

joint CF resources were needed to help fight forest fires that almost overwhelmed Goose Bay, Labrador. Within hours of the fire's outbreak, and as flames approached the town, Army and RCAF engineers arrived in Labrador and began working alongside civilian authorities to control the blaze and clear “hot spots”.

“By working together and combining the unique capabilities of the Army, Navy and Air Force, the members of JTFA and the CF are ready to respond wherever and whenever we're called to assist Atlantic Canadians,” said BGen Thurrott. ♣



Engineers from 4 Engineer Support Regiment based in Gagetown, N.B. and 56 Engineer Squadron, from St. John's, N.L., lift a plain stringer into place during the construction of an ACROW Bridge in the small community of Trouty, N.L. after the main bridge was destroyed by Hurricane Igor in September 2010.

Family visits CF pilot's crash site 45 YEARS LATER

PHOTO: DND



Group Captain Cole (second from left) during a ground-breaking ceremony at CFB Chatham, N.B. in 1959.

BY CAPT K.N. ANDERSON

After 45 years of waiting, Cathy Lane of Pennsylvania and Jake Cole of Ottawa finally got the chance to visit the site where their father, Group Captain (G/C) William Robert Cole, was killed in a plane crash.

G/C Cole was only 44 years old when the F-86 Sabre he was flying went down in northern New Brunswick during a low-level solo navigation mission in October 1967.

"I was a student at the Sabre Transition Unit at the time," recalled General (Ret) Paul Manson, former Chief of the Defence Staff. "I was flying the same mission that morning. About 10 of us, including Group Captain Cole, were assigned to fly the same low-level cross-country navigation training mission, spaced at 10 minute intervals. I was next in line behind him."

It wasn't possible to reach the heavily wooded crash site in 1967. Recent logging operations in the area have made the location accessible

and there was concern the site could be destroyed. This concern led to an investigation of the site by staff of the New Brunswick Military History Museum, the CFB Gagetown environmental officer and an archaeologist with the province of New Brunswick.

Captain Kevin Anderson, the Director of the Military History Museum, had been keeping the family members informed of progress at the site for several months and they indicated their deep desire to visit the site if the opportunity arose.

Ms. Lane and Mr. Cole were taken out to the crash site and spent a couple hours walking around and viewing what remained of their father's downed aircraft.

"I feel a sense of completion – closure, I guess," said Mr. Cole. "You've all helped us to complete a missing part of our family's history. It was both a thrilling moment for us and a moment to reflect, one that will be long remembered."

G/C Cole flew in Coastal Command during the latter part of the Second World War and after a brief break to complete university studies, he returned to serve with the Royal Canadian Air Force.

After receiving his aeronautical engineering post-graduate degree in London, England in 1958, he worked on the Avro Arrow weapons program at Air Force Headquarters. He served in a number of other staff jobs before taking over as the Commander of CFB Chatham, N.B. in 1966. While there, he flew a Golden Hawk F-86 Sabre to Chatham from Trenton, Ont. so it could be mounted in front of the Base Recreation Centre as part of the local Centennial celebrations. "Golden Hawk Day" was established on September 17, 1967 to pay tribute to the famous aerobatic team formed in Chatham in 1959. G/C Cole was the last Canadian airman to die in an F-86 Sabre crash as the plane was retired the next year. ✱

PHOTO: T. MacLaughlin



Jake Cole of Ottawa and Cathy Lane of Philadelphia, Pennsylvania view the wreckage of a Royal Canadian Air Force Sabre aircraft. Group Captain William Cole, their father, was killed when the aircraft crashed 45 years ago near Mount Carleton, N.B.

DEFENCE

ETHICS

Programme

ETHICALLY SPEAKING WHAT
WOULD YOU DO?



IT'S NOT (JUST) ABOUT THE
MONEY, MONEY, MONEY...

"Hi Julie, how's the new job?" asks Petty Officer, 1st Class Dale Schmitt, one of her staff.

"It's great Dale – so many new challenges, especially now when we're into the summer season with the base open house and the charity concert in August."

"And, if the Base Commander has his way," says PO 1 Schmitt, "the concert will be bigger than the first one. It's great to see so much corporate and public support for military charities."

Julie Fung recently replaced the long-term manager of the biggest mess at a large CF base. Although many applied for the indeterminate position, she was successful due to her management and purchasing experience. She loves the job, but is concerned about the upcoming charity concert for the authorized target charities, under the banner of morale and welfare. It's the second in three years, and the first raised several thousand dollars for injured troops and their families. But after a thorough administrative review of the first concert with PO 1 Schmitt, she noticed a lot of paperwork is missing, including critical paperwork for some of the larger sponsors.

"Dale," concluded Julie, "given the ticket prices, the amount of corporate sponsors supporting the event and the number of people who attended, the authorized charities should've received much more than they did." She also points to another weakness: "There doesn't seem to have been any reference to DND's sponsorship policy and any consultation with the Conflict of Interest authority at NDHQ."

"This time," says Julie. "we've got to ensure that the agreements between the sponsors, DND, and the authorized charities are solid."

"I also remember," explains PO 1 Schmitt, "that a few local companies came on board just days before the concert was held. Since I can't find any paperwork on them – there's no way to tell what they were supposed to contribute or if they did. It sure seems like some sponsors got publicity without any charitable donations. And now, we are getting proposals from the same companies for the upcoming concert."

"That means we have another problem here, Dale," says Julie, "there are too many separate sections authorized to deal directly with private companies who want to support such events." Julie is just one of the base's authorized designated agents who negotiate with corporate sponsors. "What's worse," adds Julie, "is that the glowing after action report for the first concert sent to the Base Commander praised all the sponsors, but didn't include much detail on the sponsorship that actually took place."

Clearly Julie has been left a can of worms, but knows she has to try and 'fix' this mess and do the right thing. She believes more administrative control is needed, but that these changes will be unwelcomed and resisted. At the same time, she is new in the job and still on probation. That makes her really concerned about 'rocking the boat' especially since she is getting a lot of pressure from the Base Commander's office to "make this concert even better than the last". For them, it's simple – more sponsors, more popular groups, and more publicity equal more money for the injured troops and their families.

If you were Julie, what would you do from a Defence Ethics point of view?

Send your comments, and suggestions for future ethics scenarios (anonymously, at your request), to ethics-ethique@forces.gc.ca.

LIVING HISTORY

SEA CADETS SAIL IN GREAT LAKES DEPLOYMENT 2012

The Great Lakes Deployment is an opportunity for Canadians to learn more about the CF and, in particular, Canada's Navy, while the Navy ships are alongside in their communities. Visitors can tour the vessels and learn about life aboard ship.

Three Canadian ships are travelling through the St. Lawrence Seaway and the Great Lakes from late July to early October. HMCS *Ville de Québec* and two Maritime Coastal Defence Vessels, HMC Ships *Moncton* and *Summerside*, are on display during this year's installment of the annual deployment.

For the first time, US Navy vessels have joined the GLD flotilla – US Ships *De Wert* and *Hurricane* are participating in events taking place to mark the 200th anniversary of the War of 1812.

There is a saying "if you don't know where you came from, then you don't know where you're going," and for eight selected Sea Cadets this turned out to be especially true as they participated in a portion of the Royal Canadian Navy's Great Lakes Deployment (GLD) from July 19 to August 1.

This is not the first time Royal Canadian Sea Cadets have participated in the GLD, however, this year is special given that, as part of the Government of Canada's program to commemorate the bicentennial of the War of 1812, DND/CF have developed several 1812-themed initiatives. One of these initiatives is to support deployments of Royal Canadian Naval (RCN) ships to Canadian and United States ports

in the Great Lakes throughout the 2012-2015 commemorative period.

The RCN gave the Royal Canadian Sea Cadet Organization the opportunity to participate in these celebrations with a substantial number of billets aboard HMCS *Ville de Québec* until October 10.

The GLD is an outstanding opportunity for Sea Cadets. For this reason, only Cadets (trainees) deemed capable of successfully completing the training have been selected. Thirty-six Cadet trainees will sail aboard HMCS *Ville de Québec* throughout the GLD.

"Sea Cadets participating in the GLD represent all that the Cadet Program stands for. They will have learned valuable skills, acquired a deeper understanding of the War of

1812, take greater pride in our history, and will have learned about our most defining moments in a fun, challenging and positive way – all of which they can take back to their Corps," said Rear-Admiral Jennifer Bennett, Chief of Reserves and Cadets.

"To be selected, you needed to be 16 years of age as of the first day of the deployment and not be 18 years before April 1, 2012," said Petty Officer 2nd Class Ebenezer Gonesse of 157 Bob Bartlett Royal Canadian Sea Cadet Corps (RCSCC), from Burgeo, N.L. "You also needed to hold the rank of PO 2, completed Phase IV from the Corps program, have completed any intermediate, advanced or specialty course.. be mature enough

to perform duties with limited direction and be highly recommended."

The Cadets were on board as members of the crew, learning various jobs and acting as regular crew. They were on a tight schedule, sometimes working on night watches, cleaning stations, clean their messes, and finding their way throughout the ship.

Much of their work was with the Deck department, handling lines and fenders, painting the ship and standing watch on deck. In order to discover the various Navy trades, they also worked with the other departments, such as logistics, galley, stewards, public affairs, engineering and combat systems. Sea Cadets are treated as adults on board ships, which has a strong

impact on the way they behave as mature young adults.

"They don't always notice it, but the sailors appreciate the presence of the Sea Cadets on board," said escort officer, Lieutenant(N) Vincent Lévesque-Martel. "They help with the daily duties that the sailors are required to fulfill. Instead of adding some extra burden for the crew, they make a difference on board, reducing the workload for a lot of sailors."

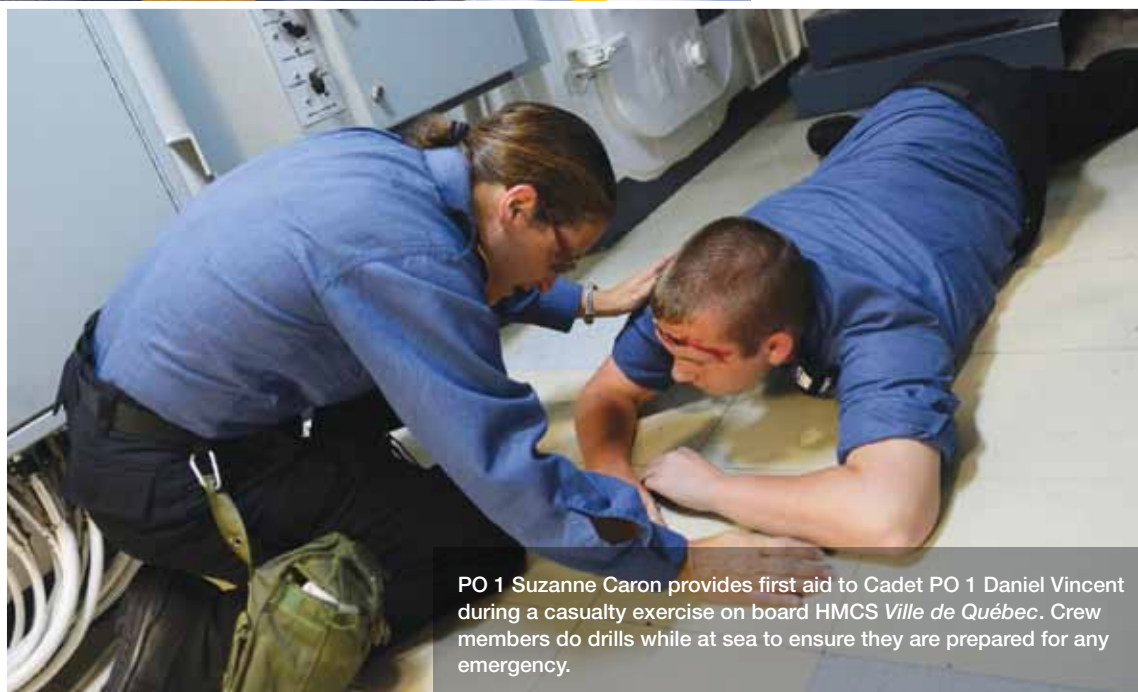
During Great Lakes Deployments, the ships sail from Canada's East Coast down and through the Great Lakes up two to four weeks. They may be continuously at sea for up to five days.

"At the end of their deployment, some Cadets are leaving the ship wishing they could stay. For others, it might be deliverance," said Lt(N) Lévesque-Martel. "Whether they enjoyed it or not, they now know what it is to be a sailor. It is not only a job; it's a way of living. I believe that their experience will have a significant effect on their career choice, which is sometimes a big challenge at their age."

In addition to providing Sea Cadets with a unique opportunity to participate in national and local initiatives to commemorate the War of 1812 and highlight this defining moment in our history, the aim of this deployment was to provide a modern and relevant ship-borne experience for Cadets to hone their skills at the Corps. Essentially, these Cadets are living history, knowing where they came from, and where they're going." ♦



Cdr Yves Germain, Captain of HMCS *Ville de Québec*, speaks to Sea Cadets on the ship's forecandle. Eight Sea Cadets joined the crew of HMCS *Ville de Québec* for her voyage from Halifax, to Montréal, during the ship's Great Lakes deployment in July.



PO 1 Suzanne Caron provides first aid to Cadet PO 1 Daniel Vincent during a casualty exercise on board HMCS *Ville de Québec*. Crew members do drills while at sea to ensure they are prepared for any emergency.

Fortissimo Fantastic CELEBRATING 200 Years of Peace

It's not often former enemies come together to acknowledge bloody victories and terrible defeats. Yet this was the theme of the 15th edition of Fortissimo – the Canadian Forces Massed Bands Beating of Retreat Ceremony held on Parliament Hill August 9 to 11.

Fortissimo featured the 200th commemoration of the War of 1812 and for two hours each night, over 400 Canadian and international military musicians entertained over 30,000 spectators in a singular event of musical precision that would have impressed the likes of Major-General Sir Isaac Brock.

"Fortissimo 2012 was the Canadian Forces tribute to the War of 1812," said Major Mike Plaunt, artistic director of Fortissimo and commanding officer of the Ceremonial Guard. "The most important accomplishment of Fortissimo was the successful collaboration of ceremonial units between four nations."

The lion's share of the show was carried by the combined efforts of the soldiers of the Ceremonial Guard, a unit made up of personnel from across the Army, both Regular and Reserve.

Also represented in Fortissimo 2012 was the National Band of the Naval Reserve, the Land Force Atlantic Area Band, the 15th Field Regiment Royal Canadian Artillery Band, the 30th Field Regiment Royal Canadian Artillery and the Governor General's Horse Guards Mounted Fanfare Team.

Supporting Canada's brass bands were the glorious kilt-swinging pipes and drums represented by the Black Watch, Seaforth Highlanders, Lorne Scots, Nova Scotia Highlanders, Canadian Scottish Regiment, Cameron Highlanders of Ottawa and the Ceremonial Guard.

Fortissimo's commemoration of the War of 1812 wasn't complete without representation from the United States military. This was fulfilled by their premiere ceremonial unit, the Fife and Drum Corps of the 3rd United States Infantry Regiment. The Old Guard rarely appears outside the US given their vigil over



Leaders of the Ceremonial Guard (left) and the 3rd (US) Infantry Regiment's Fife and Drum Corps stand on Parliament Hill during Fortissimo 2012.

the Tomb of the Unknowns, so it was a rare treat to witness the precision drill and music of the regiment's musicians whose Revolutionary War-period uniforms and music brought listeners back 200 years with their renditions of "Yankee Doodle" and "The President's March".

The Old Guard wasn't alone. They were supported by the Colonial Williamsburg Fifes and Drums whose period uniforms mirror an 18th century American Continental Army unit. This group of teenage youths from Williamsburg, Virginia added their flare of Revolutionary War melodies to Fortissimo.

Finally from overseas, 85 members from the German Armed Forces Ceremonial Drill Team staged a dazzling display of silent drill in addition to an inaugural appearance by the Jamaican Defence Forces Band who were here

to celebrate their country's 50th year of independence.

Each evening's finale featured the combined massed bands performing Tchaikovsky's "1812 Overture" featuring the guns of the 30th Field Artillery and the bells of the Peace Tower's Carrillon. As the cannon smoke settled on the lawns of Parliament Hill providing a ghostly contrast to the blood red tunics of the Guards, and with the pungent aroma of cordite pervading the cool evening breeze, it wasn't difficult to envision the epic battles fought between Canadians and Americans some 200 years ago.

Fortissimo 2012 was a fitting military tribute to what some historians refer to as America's Second War of Independence and what some consider Canada's first and only war of independence, the War of 1812. ♦

CF MEMBERS RECEIVE WAR OF 1812 PIN



To commemorate the War of 1812 this pin will be worn by all CF members for the duration of the three-year commemoration period up to 2015.

Though it was a relatively small war, the war that broke out in North America in 1812 is remembered by Canadians as an important time in their history.

The War of 1812 not only established Canada's path toward becoming an independent and free country, but it also defined the relationship we now have with our greatest ally, the United States.

And to commemorate the War of 1812 a pin will be worn by all CF members for the duration of the three-year commemoration period up to 2015.

The pin is the official Government of Canada War of 1812 logo, composed of a stylized, white and red maple leaf with ecru swords crossing behind the maple leaf, encapsulating a stylized typography representing the year 1812. This pin highlights one of our most cherished national symbols, the maple leaf, with two crossed swords that represent the fight for Canada.

Each base/wing clothing store will be responsible for the requisition of the pins in their area. For instructions on where the pin will be worn, refer to CANFORGEN 140/12 CMP XX/12 191850Z JUL 12.



The 3rd (US) Infantry Regiment's Fife and Drum Corps performs on Parliament Hill in August during Fortissimo - a musical commemoration of the War of 1812.

ON THE RIM OF THE PACIFIC

The world's largest maritime exercise

After months of preparation and weeks of training, the 25,000 personnel from 22 nations breathed a collective sigh of relief as the Rim of the Pacific Exercise (RIMPAC) 2012 came to an end August 3.

Conducted in and around the Hawaiian Islands and in the southern California exercise areas, the world's largest maritime exercise included more than 1,400 Canadian Navy, Army and Air Force personnel.

Après des mois de préparation et des semaines d'entraînement, les 25 000 militaires des 22 pays participants ont poussé un soupir de soulagement à la conclusion de l'exercice Rim of the Pacific (RIMPAC) 2012, le 3 août.

Mené dans les zones d'opérations situées sur les îles hawaïennes et aux alentours et dans les zones d'exercice du sud de la Californie, le plus grand exercice naval au monde a rassemblé plus de 1 400 militaires de la marine, de l'armée et de la force aérienne du Canada.

Royal Canadian Air Force L'Aviation royale canadienne

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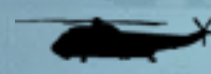
CF-140 AURORA LONG RANGE
PATROL AIRCRAFT
AÉRONEFS DE PATROUILLE À
LONG RAYON D'ACTION CF-140 AURORA

7



CF-188 HORNET FIGHTER
CHASSEURS CF-188 HORNET

2



CH-124 SEA KING
HÉLICOPTÈRES CH-124 SEA KING

RIMPAC 2012 participants: Les participants à RIMPAC 2012 :

Australia, Canada, United States, Chile, Colombia, France, India, Indonesia, Japan, Malaysia, Mexico, Netherlands, New Zealand, Norway, Peru, Philippines, Republic of Korea, Russia, Singapore, Thailand, Tonga, United Kingdom.

L'Australie, le Canada, le Chili, la Colombie, les États-Unis, la France, l'Inde, l'Indonésie, le Japon, la Malaisie, le Mexique, la Norvège, la Nouvelle-Zélande, les Pays-Bas, le Pérou, les Philippines, la République de Corée, le Royaume-Uni, la Russie, Singapour, la Thaïlande, les Tonga.

LE PACIFIQUE : lieu d'entraînement

RIMPAC, le plus grand exercice maritime au monde

Fact:
Only Canada, Australia
and the US have participated
in RIMPAC since its inception.

Un fait intéressant :
Seuls le Canada, l'Australie
et les États-Unis participent
à RIMPAC depuis sa création.



25,000 PERSONNEL PARTICIPATED
1,400 CF PERSONNEL
25 000 MILITAIRES ONT PARTICIPÉ À L'EXERCICE
1 400 MILITAIRES CANADIENS



CF PARTICIPATION DATES BACK TO 1971
LES FC PARTICIPENT À L'EXERCICE DEPUIS 1971



AIR REFUELLERS DELIVERED 1,460,000 LBS
LES RAVITAILLEURS AÉRIENS ONT LIVRÉ
1 460 000 LB DE CARBURANT



2 TEAMS FROM THE FLEET DIVING UNIT,
VICTORIA, B.C.
DEUX ÉQUIPES DE L'UNITÉ DE PLONGÉE DE LA
FLOTTE, DE VICTORIA, EN COLOMBIE-BRITANNIQUE



Algonquin



Ottawa



Victoria



Brandon



Saskatoon



Yellowknife

HMCS SHIPS
NAVIRES CANADIENS

100 CF members occupied a variety
of staff and leadership positions

Cent militaires canadiens ont occupé divers pos-
tes d'état-major et de direction

Canadian Army L'Armée canadienne

2nd Battalion, Princess Patricia's Canadian Light Infantry
including augmentation from 1 PPCLI, 3 PPCLI,
1 Combat Engineer Regiment and 1 Field Ambulance.

Le 2^e Bataillon, Princess Patricia's Canadian Light
Infantry, soutenu par des renforts du 1 PPCLI,
du 3 PPCLI, du 1^{er} Régiment du génie de combat
et de la 1^{re} Ambulance de campagne.