Environmental Awareness Week

....pages 3, 6, & 12

Holberg Stands Down

.... page 11





COURT IN THES

Canadian Forces Base Comox B.C.

Cunadian Forces Base Comox B.

VOL 35 NO 10

3 JUNE 1993

COST: PRICELESS

A Community Success

By Sharla Hunter

Residents of Ward 8 are pleased with the recent paint job on their playground equipment.

The Community Council suggested that each Ward Representative is responsible for arranging his or her ward playground equipment to be painted. Since we have several teens in our ward, I asked if they would be interested in helping. Their reponse was "Just let us know when, and we'll be there!"

The weather wasn't enthusiastic - it rained for almost a month. This did not dampen the teens' spirits, in fact, they told more teens about it and within a few weeks the Family Resource Centre phoned with names of other teens wanting to help. We had more help than was needed to just paint our ward. Since all of our children use the school's playground during and after school, I approached Airport School about painting the equipment there and they were thrilled at the idea.

The weatherman finally was forecasting a sunny weekend for 15 & 16 May. Even though it was spitting rain at 9 a.m. Saturday morning, teens still showed up ready to paint. They were eager to get started, so with some adults, teens and pre-teens at 9:30 a.m. we got under way. By noon Ward 8 was looking like new and the children were so excited at the look of their playground they could hardly wait for the paint to dry. With our original goal completed, we then proceeded to Airport School. The weather turned hot but the painting continued until half of the equipment was completed. It was 9 p.m. and time to quit. A lot had been done on our first day.

Sunday proved to be another scorcher of a day, and the painting got under way before 9 a.m. It was hard going during late morning and early afternoon with the intense heat beating down, but

some were persistent, they wanted to get the job done. By 8 p.m. the job was completed, the playground equipment looked bright and cheerful with its new colours. The painters were tired but pleased when they heard the children saying how nice it looked. Many children thanked the painters as they eagerly waited to play on the equipment.

I would like to thank the following for generously donating their time to paint, for getting supplies, clean up, and for supporting us:

Adults: Mrs. Kim Wendland, Mrs. Sharon Rodrique, Mrs. Nicole Chretien, Mrs. Sue Power, Mrs. Rosline Turcotte, and Mr. Roger Archambault.

Children: Ian & Allison Power, Brandi Langevin, Rebecca & James Hunter.

Pre-Teens & Teens: Cathy Turcotte, Jason Hunter, Tamara McIssac, Darren Astles, Michael Porter, J.J. Langevin, Terra Savoie, Shannon Vance, Jennifer Rodrique, Amber Bell, Jennifer Chretien, Ryan Gustoffson, John Hunter, Peter LeBurel, Amanda Kitchen. A very special thank you to Yan Chretien. He donated 20 hours of painting and encouraged others to help out. He did a wonderful job.

Thank you to the many teens (sorry I didn't catch all your names) who helped in keeping the excited children off the equipment until it was dry.

Teens, I truly thank you, because you unselfishly gave your time and it was a pleasure to work with you. I am proud of the effort you put into completing Ward 8 and Airport School playground equipment.

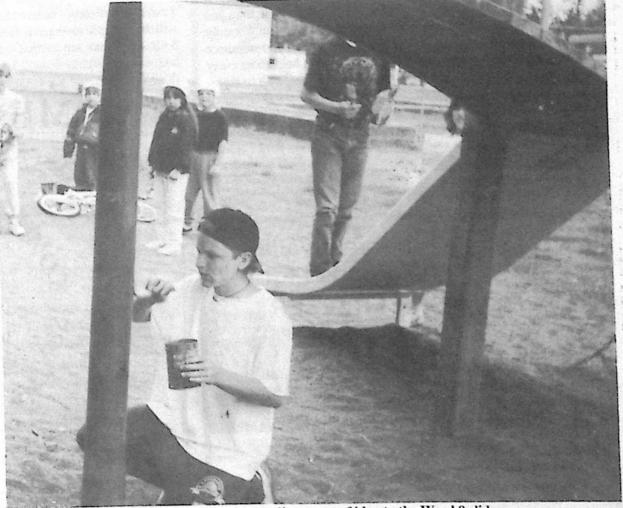
Ward 8 Wallace Gardens Community Council Representative, Sharla Hunter

Teen Contribution (1)



Jennifer Rodrigues and Terra Savoi slap the yellow paint on a receptacle...

Teen Contribution (2)



....while Yan Chretien applies a coat of blue to the Ward 8 slide.

On & Off the Base

PMQ Family Fun



PMQ teen Amber Bell and friends

Wallace Garden News

A lot of things are happening in PMQ's, most of them obvious but I think they are significant enough to mention. On I May we had a PMQ cleanup and BBQ. W assembled at the Airport School, divided into two groups and picked up litter thoughout the MQ area as well as along Little River and Ryan Roads. Then the participants had hot dogs, titbits, juice and coffee. All the children, including some from outside the MQ area, received McDonald's Gift Certificates (thanks George.) Two pickup trucks of litter were collected, making this a very successful event. Thanks to all who turned up and worked through a very wet morning.

On 20 May we had our Awards Night, where we honoured our community volunteers. Not only do we have individuals involved in the various clubs, but there is also support from local enterprises such as Sieffert Farms, Good's Groceries, and Tim Horton's Donuts. WLog and WAdmin sections provide the bulk of our Base support.

Coming up on 4 June, the Military Police are holding a Bicycle Roadeo at Airport School, and on 5 June we are having our annual Spring Garage Sale. A special dry trash pickup will be arranged for shortly after this day. Of course, we are still in the planning stages but it looks like we will offer a Summer Program similar to last year's.

The Council is constantly

W

CALL TODAY

Out of town customers

seeking volunteers to beautify the PMQ area. The Teen Club surprised us by voluntarily painting some of the playground equipment. It looks great and we as a community certainly benefit from this kind of activity. Our thanks go to those teens who participated. We are looking for volunteers to do more of the playground equipment and other

Just a reminder that the PMO Association office has relocated and is now in the Canex Building, next to the Barber Shop. The new hours of operation are 0900 to 1300 Monday to Friday.

Next time you meet someone on the sidewalk say "Hello" and let them know we are a friendly community. Parents please make sure that your children play safe-

Ward Councillors Needed

We are in urgent need of Ward Councillors. Postings have caused a number of vacancies on the council. All we ask from you as a councillor is about 2 hours a month of your time and assistance with the events held about every six weeks. If you wish to represent your ward on the council please call Linda Rose at local 8571 or come out to a council meeting held every third Tuesday of the month at 1900 hours in the Community Centre. Hope to see you there.

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Head Office - Victoria

For Most Conspicuous Bravery

Canada finally has its own family of medals for military bravery. A Canadianized version of the famed Victoria Cross and two new medals, the Star of Military Valour and the Medal of Military Valour, were approved by the Queen in February.

The VC and all other British decorations were excluded from the Canadian system of honours and awards in 1972 when the federal government created a purely Canadian family of bravery medals, topped by the Cross of Valour. But that new family did not include a distinct set of military bravery medals.

Many Canadians, particularly veterans, immediately called for the creation of a separate family of medals for military heroism and for the return of the prestigious VC. Others wanted to replace the VC with a new Canadian medal for military

While the debate raged, the medals created in 1972 served the dual purpose of recognizing both civilian and military heroism. In fact, the first two Crosses of Valour were awarded posthumously to Canadian sailors for their heroism following an explosion in October 1969 aboard HMCS Kootenay which killed

According to the official citations: CP01 Vaino Olavi Partanen, in the face of quickly spreading fire and smoke and "in full knowledge that he was in mortal danger," stayed behind to give the watch officer on the bridge vital information about how the situation was unfolding.

PO2 Lewis John Stringer coordinated the evacuation of the ship's cafeteria. After waiting until the last sailor was out, he collapsed in the galley. He was rescued, but died later as a result of smoke inhalation. However, the Cross of Valour

has never been awarded for bravery under combat conditions, unlike Canada's second highest civilian bravery medal, the Star of Courage.

Of the Star's 335 recipients, 37 were members of the CF. Twenty-seven won it while in the line of duty, including several who displayed exceptional heroism while serving on international peacekeeping operations.

In response to those who argued that Canada needed to make a clean break from the British honours system, many supporters of the VC argued it was more than just a British medal.

"It is the most coveted and rare of all valour awards, anywhere," wrote columnist Peter Wor-

thington. Others pointed out that the VC, awarded to 93 Canadians since it was created by Queen Victoria in 1856, was as much a part of Canadian heritage as

This was recognized by Britain when, in a 1961 Royal Warrant, it authorized all Commonwealth countries to issue the VC in their own names, subject to the formal approval of the Queen.

In 1987, Prime Minister Mulroney asked officials at Canada's honours and awards directorate at Government House to study the possibility of "Canadianizing" the VA - a step which Australia took when it nationalized the VC

His goal, the prime minister said, was to "reconcile two significant objectives: the continued development of a truly Canadian system of honours, and the maintenance of an important link with our military and Commonwealth heritage."

Then, prodded by a private member's bill introduced to Parliament in October 1991 by Doug Fee, member for Red Deer, Alta., the Government decided to include the VC in the new family of military bravery medals that had been under consideration for

continued on page 9

Harbour Days

In recognition of National Boating Week, Comox Harbour will be hosting the largest boat parade on Vancouver Island on 6

To help mark the occasion and to underline the importance of safe boating, 442 Search and Rescue Squadron will display a CH-113 Labrador helicopter. As well, Search and Rescue technicians will be present to explain how SAR operations are carried out and what individual boaters can do to better prepare for an emer-

The Labrador and SAR display is only one of the many

events scheduled for the Comox Harbour opening day. Other events include a boat show. marine swap meet, and other interesting displays. "Black Duck," the rescue boat, will attend, and ceremonies will be held by HMCS Quadra.

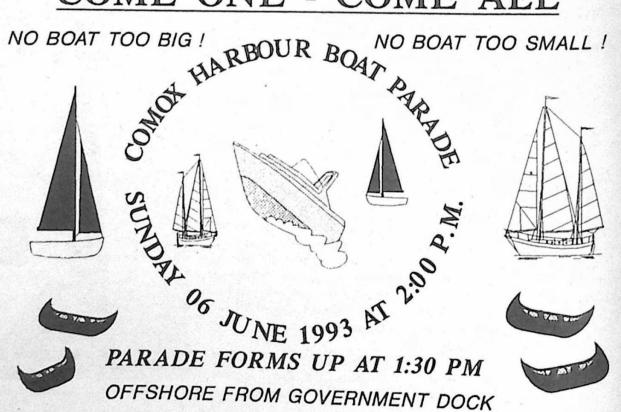
Featured as the reviewing vesmeters in length, and powered by 7222.

two 850 HP diesel engines, the Nadon will make an impressive centrepiece. It will also mark the first public display of the catamaran in Comox Harbour.

Additionally, the RCMP will have a display booth set up to inform the general public about safe boating operations.

For more information on the sel for the sailpast is the RCMP's Comox Harbour Days, please catamaran, "Nadon." At over 17 contact Bob Stevenson at 339-

COME ONE - COME ALL



On & Off the Base

Environmental Awareness Week

vironment Week is Environmental Awareness. While I would like to think that we practice the 3Rs all year long (and that's reducing, re-using and recycling, for those who were wondering), it is always worthwhile re-emphasizing these basic principles of environmental awareness. During this past year, we have made significant progress at 19 Wing Comox towards more environmentally responsible management - the introduction of the cardboard-only dumpsters, the completion of the Base Hazardous Material Storage Facility. and the acquisition of marine spill containment equipment readily come to mind. But the real secret to carrying out environmentally friendly operations is the effort each of us puts into our individual tasks. This issue of the Totem Times has a number of articles. helpful hints, reminders and notices which I hope will pique your interest and personal commitment to greater environmental awareness, both at work and at

THURSDAY 3 JUNE 1993

The theme this year during En-

A major step forward in the 19 Wing Environmental Program has been the completion of the CFB Comox Environmental Baseline Study. This study was conducted by GCG Dillon Consulting Ltd. of Edmonton and is a critical step towards positive environmental stewardship. The study has examined all activities, units and areas resident at CFB Comox, and compared them to current federal, provincial and/or municipal environmental legislation. While we are by no means in full compliance, a general assessment of the study has been most encouraging and we can now better direct our efforts to those areas requiring attention. On the positive side, many of the deficiencies noted in the study can be rectified with better housekeeping in the workplace. Others require careful thought

British Columbia's new

Ozone Protection Regulation

went into effect on

February 23, 1993.

· The regulation controls the

use of CFCs, halons, and

CFCs are used in equipment

like refrigerators, air

conditioners, and motor

vehicle air conditioners.

the ozone layer.

Ministry of Environment, Lands and Parks

other substances that damage

and consultation to develop proper operating procedures and training. Finally, a few will require the ever elusive \$\$, but those can be programmed and corrected (some already have been) in an organized manner.

Another positive action which I am personally very happy to see completed is the successful staffing of the Wing Environmental Protection Officer position. The WEnvPO is a new position created at CFBs across Canada in recognition of the increasing importance and workload associated with environmental monitoring. Mr. Bob Allan has joined the 19 Wing Construction Engineering Flight staff, effective 1 June 93. Bob hails from Whitehorse and was formerly an Environment Canada inspector. He brings with him a great deal of knowledge and experience which will assist all 19 Wing personnel and units to be more environmentally responsible. I encourage all 19 Wing per-

sonnel to renew your commitment to the environment during Environmental Awareness Week. Daily messages will be posted at the Base Main Exit to remind you. Take some time to walk in the woods and see the beauty that surrounds us here in the Comox Valley, and reflect on how fragile it is. Talk to your kids about the environment - you may find them much more aware than you think. Finally, take the time to do at least one positive thing for the environment - park the car and walk to work; clean out the shed of old paint cans and junk; remove those oily rags, tins, and empty containers which tend to collect in the shop. And remember that we did not inherit this Earth from our parents, we are borrowing it from our kids! Your Energy Use Is

Costing You And The Environment

Energy is the life blood of our industrial society. It drives our

NEW REGULATION IN EFFECT...

transports us and our products around the globe and heats our homes. Our every action consumes energy. In Canada, approximately 36 percent is provided by oil, and 26 percent by natural gas. Water power supplies another 12 percent, and nuclear energy, 9 percent. Coal is responsible for 11 percent, and renewables, such as biomass (tree bark and pieces) and solar, pro-

vide another 6 percent. Canadians, the largest per capita users of energy in the world, have a voracious appetite. Some of this high level of consumption can be attributed to cold winters and long distances. However, much is due to poor conservation, caused by an abundance of energy sources. Unfortunately, we have chosen to emphasize sources which are polluting and non-renewable. Only now are we beginning to realize the real price of fuels and the steep price for us and the environment.

As more and more easily accessible energy sources are used up, such as oil and hydroelectric power, and as demand grows, the costs of development, transportation and pollution abatement keep increasing and are passed along to you. The price of oil, as our domestic supplies fail to meet demand, jumped from \$1.50 to a high of \$41 in 1979, levelling off to the current \$20 range. The price of electricity in Canada grows annually at a rate of 5 to 8

Utilities now are finding that it is cheaper to assist their customers, with cash incentives and technical assistance, to practice conversation and improve efficiency than it is to build new generating facilities. No wonder. Where previously provincial governments had to borrow hundreds of millions to build electricity plants, today the cost is counted in the multi-billions for

Repair technicians who deal with this type

of equipment must have completed an

by July 1, 1993.

Environment Canada training course

· For information on this

(1-800-661-3369).

For more

information on this

regulation, call the

1-800-667-4321.

C. Recycling Hotline:

Continued on page 6

Enviro-Inserts

One litre of oil can contaminate 2 million litres of water. In fact, one drop of oil can render up to 25 litres of water unfit for

Wastes are simply resources out of place. Always remember that one man's trash is another man's treasure.

Every year, businesses in Canada pitch out 6.6 million tonnes of garbage. That's enough to fill 2300 football fields to the top of the goal posts.

Every four years, an area of Canadian forests equal in size to Vancouver Island is cut down.

If all the paper consumed in Canada each year were recycled, 80 million trees would be saved and about 35 percent of our waste would be diverted from landfill.

Total water use in Canada averages about 4,000 litres per person per day. Of that, about 285 litres is for direct personal use, and about 3,715 litres is required by the industrial, commercial and institutional sectors which serve us.

Fixing one dripping tap reduces water consumption by approximately 25 litres per day.

A bus carries the same number of people as 40 commuter automobiles, with 39 fewer exhaust pipes. Of course, bikes and sneakers can carry the same number with 40 fewer pipes.





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Editorial

Norm Blondel

A Sad Event

After heroic efforts to keep the Salvation Army Canteen going, con-

tinuing losses and insufficient support have forced the closing of the CFB

Comox institution, effective Friday, 4 June. A Salvation Army presence

Our Letters Policy

We print all correspondence meeting the guidelines of CFAO 57-5,

including letters where the writer(s) wish to have their names witheld.

However, all letters must be signed, and include the writer's address or

telephone number. The writers can express their own opinions, but should

Our Photos Policy

To avoid being deluged by presentation pictures, we will, after this

catch-up edition, adopt the following procedure: where more than two

photos with the same presenter are submitted, we require a group picture.

If a group picture is not supplied, single column, recipient only pictures

will be published. Promotion pictures below Corporal rank will not be

published. Presenters are requested to ensure a group picture is taken

when multiple presentations are made. Captions must accompany all

photographs. Some pictures may appear in later editions of the Totem

Times if space is not available when they are first received. Contributors

are reminded that our deadline for all material is noon on Mondays. If

you require a publishing schedule, please contact our office at 339-2541.

CFB Comox Service Person of the Quarter

Cpl Paul Briand

Their many friends here will want to wish to Dodges all the best in the

on this base will also end with Major Dodge's posting

future. Bon voyage, Winston and Cora.

avoid targetting individuals or organizations.

Letters

THURSDAY 3 JUNE 1993

underwater section of the dam's

could not be completely con-

tained in the Lancaster's bomb

bay. The bomb bay doors were

removed, and the weapon was in-

stalled across the width of the bay.

It was slung between two V-

shaped arms, each arm being

hinged in a fore and aft direction.

Both ends of the weapon's casing

contained a hollow circular track.

Disc wheels of the same diameter

as the tracks were attached to the

V-shaped arms. These disc

wheels mated up with the circular

tracks on the weapon. A

hydraulic motor in the fuselage

was used to belt-drive one of the

discs which, in turn, engaged the

weapon causing it to spin back-

wards at a speed of 500 rpm.

Upon release by the bomb aimer,

the V-shaped arms were sharply

forced outwards, allowing the

As the weapon delivery prob-

lem was being solved through in-

vention, ingenuity, trial and error,

others were also dealt with

Maintaining a height of 60 ft. and

a distance of 400 to 450 ft. from

the dam were overcome with two

simple and yet effective ideas.

Spotlights were attached fore and

aft on the underside of the Lanc's

fuselage, and then adjusted at a

downward angle. When the two

spotlight beams (observable

from the cockpit) intersected on

the suface of the water, the plane

was at the precise height of 60 ft.

To aid the bomb aimer in gauging

an accurate distance from the

dam, a cheaply made triangular

bombsight was devised.

Fashioned out of plywood, it had

a peephole sight at its apex and a

nail at each end of its base. By

spying through the peephole and

superimposing the nails upon the

dam's twin towers, correct timing

of the weapon's release was pos-

sible. Another innovation was

the installation of VHF com-

munications in all aircraft for

clear transmission between

aircraft and with #5 Bomber

Group HQ at Grantham, Lin-

colnshire. Finally, after many

weeks of training, trials and

continued on page 6

spinning weapon to fall free.

Due to its size, the weapon

Comment

50th Congratulations

From Brigadier-General B.D. Bowen, CD to the Base Commander, filed with this newspaper for publication:

Dear Terry,

"Totem Times" and a section of "Comox District Free Press." It's obvious that both 19 Wing and the local communities captured the significance of your first 50 years in the valley. The "Totem Times" is particularly well done and I extend my congratulations to all who made it so - well done and I

encourage you to continue on this track. There's no doubt about CFB Comox's future; it will continue to mature as one of Canada's premier air bases and a bastion for maritime air operations in the Pacific, and worldwide for that matter. Congratulations on your first 50 years and best wishes as you and your staff set the course for the future!

Cheers,

A Letter from Harry

Permit me to say that I read mentioned.

69th birthday of the RCAF and I am one of the few still living of that early era having entered the service before its third birthday. I funded, from my meagre resour-

ment for both the SGT's and Officer's Mess and located both temporarily in a lean-to of the Station Theatre, now the museum and was the first PMC of the Officer's Mess. I might also add that it was yours truly who took the "flak" for rebuilding the present Mess from the "fireplace up" instead of a mere refurbishing

Let me conclude by saying that despite the fact that I have been retired for 34 years, I am determined to live another 17 years at which time I have calculated that I will have recovered all of my pension fund contributions.

So there is time yet! #249 W/C H. Bryant (Ret'd)

family is uprooted frequently, ces, the necessary liquid refreshfathers or mothers are away for long periods, and friends disappear with every crop of postings. In their need to find stability and security, they strive to develop friendships in this uncertain environment whereas those children who reside in essentially one community have their friendships securely established.

Young people have strong needs for recognition and status, for respect and self-esteem, for honest guidance and a sympathetic ear. Where these genuine needs are not met, and when the restless concerns of youth are ignored, delinquency arises.

To: Names withheld by re-

Re: Youth behaviour in

Wallace Gardens has the

largest number of children per

capita of any community in the

Comox Valley - for that matter,

probably on Vancouver Island.

Children from the "married

patch" have certain advantages

over many of their counterparts in

civilian life. The family has a

regular income, adequate

quarters are provided, and con-

venient school, church and

to pressures which unsettle and,

on the surface, harden them. The

They are, however, subjected

recreational facilities exist.

PMQ's

Our adults of tomorrow must be helped to develop positive social attitudes, self-sufficiency in interpersonal relationships, and a co-operative relationship with authorities

PMQ Youth OK

There are also two other very important qualities that most of the young people of Wallace Gardens possess: maturity and respect for authority. The contact that the Military Police have with our youth confirms this on a daily basis. Like any other Canadian community, we have a few problem children but, I can assure you, very few, and usually the same ones. These few are dealt with under the law to the fullest extent possible. It may also surprise you to know that many offences being committed in our community are being done by children other than military dependants. One has only to read the local papers to realize that the behaviour of most of our PMQ youth is outstanding in com-

Your letter states that there is a "decaying behaviour of most of our pre-teen and teenage population." You went on to list some past examples, most of which were not reported to the Military Police. A review of our files does not reflect an increase in crime in the PMQ's. In fact, our records indicate a decline. Yes, there is some vandalism and theft of personal property (usually bicycles left unsecured.) In order to minimize and eliminate these crimes the Military Police must be informed in a timely manner of any

suspicious activity. There are also many other organizations or individuals to whom you can address your concerns: PMQ Council, Family Support Centre, Wing Housing Officer, Padres, Wing Social

Worker, Wing Chief Warrant Officer, Commanding Officers, Branch Heads or the Wing Com-

I can assure you that all "authorities" take complaints and concerns of the nature you outline very seriously. It is therefore requested that any concerned resident of PMQ's address their complaints to the Military Police, or one of the organizations/individuals listed above.

Finally, the Military Police congratulate and commend all of the outstanding youths who reside in our military community. Well done!!! We know you are the majority.

Sincerely, Capt Paul Weed Wing Security Officer

Thanks, Teens

To: "Teens" of Wallace Gar-

Dear Teens,

On behalf of the staff and students of Airport School, I wish to thank you for volunteering your time to paint our playground

equipment. It is refreshing to find young people who are willing to give unselfishly of their time to assist others

The playground equipment looks fabulous and the students

love the colours. We appreciate your efforts.

Yours truly, D. Costain, Principal

Airport Elementary School

It's a Martin Mars

Dear Editor,

Your latest aircraft in Trivia is one that has been observed by many B.C. residents over the years, especially Vancouver Islanders. It is the JRM-3 Martin Mars flying boat.

Built by the Glenn Martin company as a military transport, it first flew in 1942. Only five were built, one of them being the prototype. The other four entered service with the US Navy in 1946,

and for the next ten years they operated between San Francisco

They were given names and nsidered part of the navy's Continued on page 19



Trivia Answer (inset) See John Novak's letter

Thanks for your letter, the

Dear Sir,

with considerable interest the history of the Base in the last issue and that at "least" my name was

But woe! is me. Despite the fact that I was a pilot, I was the first CTechO (BTSO) on the scene, having arived on 3 June, 1952 and held that position for three years and wasn't even invited to participate in the 50th Anniversary or partake of a morsel of that delicious looking birthday cake.

Likewise I missed out on the

CFB Comox Teen Club projects which we have participated in include helping the the PMQ Family Fun Day

The CFB Comox Teen Club is made up of "Base dependant" teens from the PMQs as well as from the Comox Valley. Our Steering Committee, which makes decisions, is made up of representatives of teens, parents, volunteers, and Family Resource Centre staff. Our regularly scheduled activities include: baseball (Tuesdays), floor hockey and sports (Wednesdays), and dances (Fridays). We also hold special events, such as ski trips, beach parties, and trips to waterslide parks.

(clowns, face painting, and children's games), running Halloween games for PMQ children, manning a concession booth at the Comox Air Show, delivering newsletters for the Family Resource Centre, and painting the PMQ playground equipment. Upcoming projects include delivering more newletters, assisting with the resurfacing of the Base baseball diamonds, and assisting with the Resource Centre Family Fun Festival. The Festival is 9 July and we hope to see

As well, we volunteer for the good of the community. Some



you there!

CWO Harrison, 19 AMS, was promoted 1 Jun 93. Presented by Col T.B. Rogers, WComd and CWO Sarty WCWO.

LCol Cleland CO of 414 Sqn congratulates Cpl Briand on receiving

the CFB Comox Service Person of the Quarter Award. Cpl Briand has demonstrated a professional attitude and superior leadership abilities. He has proven to be a highly valued member of Sqn and has been very active in the local community. Paul is a true team player who donates much of his spare time to the youth of the community through his involvement as an instructor with the Sea Cadet Corps. A very well done, Paul, from all the Black Knights. Totis viribus.

EDITOR - BUSINESS MANAGER.

ASSISTANT EDITOR.

CIRCULATION.

pilot who could foot the bill, sary in order for it to skim across Wing Commander Guy P. Gibthe dam lake's surface and son, DSO, DFC. bounce, avoiding the anti-torpedo nets. Then, making contact with W/C Gibson, 24 years old, had the dam's face, the final momenflown on 173 operations, and was tum of the weapon's spinning overdue for a rest from flying would allow it to sink down the

The Dam-Busters

When Barnes Wallis ap-

proached the Air Ministry with

his scheme for breaching the Ger-

man dams, they were very recep-

tive. In fact, an attack on the

dams had been on the RAF's

agenda since 1939. However, Air

Chief Marshal (Bomber) Harris

was not enthused with Wallis'

plan and there were several

reasons for his attitude. He was a

proponent of area bombing ver-

sus precision bombing, and reluc-

tant because the plan would

involve detaching a number of

Lancaster bombers, and crews,

from regular operations for one

that he thought could not succeed.

In addition, many valuable

ground crew manhours of labour

would be required to carry out

modifications for mating the

weapon to the aircraft. It was

only by the persistence and per-

suasion of Wallis, and his supe-

riors at the Air Ministry, that

Harris was won over to the idea

and finally agreed to its execu-

tion. Code name for the opera-

tion would be "Chastise," and for

Harris realised that a lengthy

training period would be neces-

sary for aircrews to attain the

levels required for an accurate

and successful delivery of the

bomb. The operation would in-

volve low level flying over

enemy territory at night, includ-

ing the 60 ft. height above the

dam lake's waters. But time was

running out. It was now March

1943, and the target date had been

set for mid-May. At that period

of the year, the dam's water

levels would be at their highest,

following the spring run-off. It

was estimated that the levels at

that time would be only four feet

from the top of the dams. In view

of the time frame, Harris decided

to form a new squadron com-

posed of hand picked aircrews

who would have to be com-

er leader. He knew one particular

the weapon, "Upkeep."

Operation Chastise

Part 2

By John Novak

duties. But Harris invited Gibson

to "do one more trip" with a new

squadron, and Gibson would be

allowed to choose his own crews.

Because "Operation Chastise"

was classified "Top Secret," Gib-

son had to make his decision on

the basis that he could not be

given any details about the opera-

tion, except that it was an impor-

tant one. He accepted the

assignment, and within a week

147 air crew from various

squadrons began to arrive at the

Scampton, Lincolnshire base to

form 617 Squadron. These crews,

who were the cream of Bomber

Command, had completed two

tours of duty. They were now to

engage in intensive, low level

flying exercises by day and night,

for a period of eight weeks prior

to the date of the operation which

was to be the night of 16-17 May.

engaged in their "dress rehears-

als," the ground crews were un-

dergoing exhausting periods of

work. In addition to the routine

maintenance of the Lancs, there

were major modifications to be

carried out. Extensive repairs

were required when on one exer-

cise, six out of twelve aircraft

were seriously damaged. The

modification that taxed inven-

tiveness and ingenuity proved to

be in the adaptation of the weapon

to the aircraft. Code-named "Up-

keep," its appearance resembled

a large oil drum. It weighed 9,250

lbs., which included 6,600 lbs. of

RDX explosive. It contained

three hydrostatic fuses that could

be set to detonate the explosive at

the correct depth to inflict maxi-

mum damage. It was 50 in. in

diameter, and 60 in. in length. In

essence Wallis' bomb was a large

depth charge, except that a radical

form of delivery would have to be

employed. Besides the critical

parameters of height, speed and

distance, the weapon would have

to be dropped in a back-spinning

mode. This motion was neces-

While the aircrews were

.. Bob Sealby

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OUR NEW FAX 339-5209

Section News

More Environment Continued from page 3

undertakings such as the James Bay hydroelectric project in Quebec. Programs providing rebates on energy efficient motors and lighting or assisting organizations to assess and improve their energy use represent the best use of resources and achieve the goals of reliable supply and environmental protection far more effec-What we haven't counted until now - is the profound impact

of our energy development use on the environment. Hydroelectric dams flood arable lands and harm downstream fisheries. Coal-fired thermal electric plants cause acid rain and toxic fallout. Nuclear power plants leave us with highly toxic radioactive wastes and the fear of nuclear accidents. Drilling for oil tampers with delicate ecosystems, and shipping oil runs the risk of spillage. No matter how careful or conscientious suppliers of these resources are, accidents happen. Burning fossil fuels such as gasoline and diesel has given us a plague of air-pollution problems, from urban smog, to the most dire, global climate change. We must be smart enough to develop an ener-To tighten the reins on hazardgy strategy which is secure, de-

pendable and environmentally sound. The most effective antidote to the rising costs and environmental damage of energy use is a three-point emergency plan: conserve what sources of energy we have by eliminating wastefulness; be more efficient in how we use energy by improving or changing processes, equipment and practices; use and encourage alternatives to non-renewable

Obviously, greater and greater legislative pressure may come to bear on energy use in the workplace. For example, the federal government discussion paper recommends that the federal government implement a new Energy Efficiency Act to set mandatory minimum standards for energy efficiency, as well as a permanent task force to look at increasing energy-efficiency requirements across all sectors, including commercial, institutional and industrial. Why wait for that when you could be taking steps now to save energy and money and protect the environment from

energy sources, such as solar,

wind and geothermal.

a very serious threat. There are a host of measures some simple, some more difficult - that will reduce your fuel consumption by thousands of litres and your electricity use by thousand of kilowatt hours, while brightening the future of our overtaxed environment.

Your Hazardous **Materials Are Costing** You And The Environment

In the enthusiastic surge of production since World War II, the number and use of chemicals have grown dramatically, not just of specialized compounds; used by large industries, but "everyday" chemicals in everyday products used by or-

ganizations like yours. Chemicals provide myriad benefits to modern society, but many of them also pose risks to the environment, and to human health and safety. Until recently, we had little idea just how much risk. Assuming the solution to pollution was dilution, we flushed or threw them away as if the environment would somehow dissipate them. What workplace hasn't tossed batteries, oil, pesticides, old paint and solvents into the garbage or down the drain?

It turns out that many of these everyday materials and supplies are not as benign as we once thought. Indeed, many are now recognized as hazardous. When released in the environment. chemical contaminants can combine to create new ones. Far from dissipating, they persist in the air, water and soil, absorbed first by lower organisms, then accumulating up the food chain. Thus, the total bottom line from the use and improper handling of hazardous materials is the damage to the environment and our health - because what poisons the environment also poisons us.

ous materials, federal and provincial regulations are making it harder to introduce new ones, either as raw or finished products, and costlier to improperly handle them or simply dispose of them. For organizations that generate a lot of hazardous waste, that expense is significant, and rising.

Corporate liability in the form of punitive fines and site cleanups can cost in the millions of dollars. An ounce of prevention would have been worth a pound of cure in cases like the Niagara River, into which 160 old or poorly constructed landfills leak an esimated 315 kilograms of contaminants per day. A similar amount of contaminants is still discharged from the industries bage is often another's raw and municipalities also situated

Disposal rates are soaring too: in Ontario, for example, they can range from \$100 to \$350 per tonne and higher, depending on the type and toxicity of waste. Smaller organizations, which are more likely dealing in drum quantities, are facing fees of \$25 to \$100 per drum, and higher for extremely toxic wastes.

Hazardous materials must be managed in a conscientious way from "cradle to grave," from their production to their ultimate disposal. Every organization must comply with, and it is hoped exceed, the existing regulations. However, legislation alone is not enough. Where there are no controls for certain materials and amounts, you must impose your own. First and foremost: eliminate the use of hazardous materials in your workplace wherever possible; next, reduce the toxicity and volume of those you must use, then reuse and recycle them; finally, properly handle, store and discard them, as required. The advice of wastedisposal specialists will be help-

More Dambusters

tribulations, 617 Squadron was

Orders came down from HO to carry out the attack on the Mohne, Eder, and Some dams, the raid to take place on the night of 16-17 May. Because there would be a full moon that night, no other bomber squadrons would be operating and consequently, 617 Squadron would be facing the entire German defence system alone. Many accounts have been written about that operation, the details well known. Undoubtedly the best rendition of them all is that of the gallant leader of the attacking force, W/C Gibson.

As to the results of the raid, the Mohne and Eder dams were breached extensively while the Sorpe, it being an earthen structure only, sustained minimal damage, in spite of a direct hit. It was estimated that the dams which were breached released some 250 million tons of water which flooded the surrounding countryside for many miles. Railroads and bridges were swept away, armament factories and coal mines were inundated. The dams were not restored until the end of August 1943. The side effect of this enforced repair work was to be the diversion of 7,000 construction workers (mainly conscripted and slave labour) from defence projects on the Channel coast which were being built against an expected in-One hundred and thirty three

Commonwealth aircrew mem-

And wiser management can also save you money. Disposing of waste solvent in Ontario, for example, can cost from \$300 to \$700 per drum, whereas to recycle the solvents costs \$50 per drum. You can even make money by selling your hazardous waste through a waste exchange network. One organization's gar-

But the biggest savings to you and the environment will come when you substitute non-toxic materials for hazardous ones. Instead of living with the risk of financial liability, ill health and loss of precious life-supporting habitats, you eradicate it - once

Your workplace may use only small quantities of these hazardous substances, but taken together with all the amounts used by other organizations, they add up to a serious problem. No matter how large or small your amount, no matter how much or how little money you might save, you have a responsibility to help solve this problem - before it gets

Your Transportation Is Costing You And The Environment

If you own and operate a fleet, if your employees rely on private automobiles to get to and from work, if your organization has become an all too-frequent flyer, then you know as well as the next person how dependent we've become on the combustion engine

he was finally allowed to take part bers took members took part in in "one more op." On 19 Septemthe dam busting operation, 29 of ber, while flying in the role of them being Canadians. Losses Master Bomber over Munchen were heavy: eight out of 19 of the RAF's top crews, 56 men, did not

return. For his part in the raid, W/C Gibson was awarded the Victoria Cross, and 34 other members of the squadron were also decorated. Air Chief Marshal Harris was impressed by this feat of precision bombing, and although 617 Squadron had suffered heavy losses, he would not allow it to be disbanded. He ensured that it would be rebuilt for the performance of similar tasks in the future. W/C Gibson was taken off

operational flying and given a desk job at the Air Ministry. He hated this assignment with a passion, and it was during this period that he wrote his book "Enemy Coast Ahead." It is still considered to be the best of all personal bomber pilot narratives ever written. After completion of his book, Gibson's discontent with his mundane job grew daily, even to the point of clashing with his superiors. He did receive a break from boring routine duties when he accompanied Prime Minister Winston Churchill to the Quebec Conference. Upon his return to Britain, Gibson cajoled and pleaded with his superiors to allow him to return to operational flying. They turned a deaf ear to his requests, as they considered him too valuable to risk on a routine bombing operation. It was not until September 1944 that

to conduct our daily business. The problem is, with 16.3 million vehicles on Canada's roads, nearly 23,000 private and commercial airplanes in our skies, together burning billions of litres of fossil fuel a year that foul our atmosphere, it's become far too expensive a habit - for you and the

The minute one of your fleet takes to the street with an illtuned engine or soft tires, your gasoline or diesel bill rises. Whenever airline seats are could have been convened as a tele-conference, your organization is spending more than it needs to. Every day employees motor into the parking lot with empty passenger seats, their earnings are being wasted. Everrising fuel costs ensure that the price organizations pay for making environmentally unsound transportation choices will

Those unsound choices also make us poor in ways beyond dollars and cents. Cars and trucks are the single largest source of urban smog and of the "greenhouse" gases that are contributing to global climate change. The automobile is fuelled by an expensive and non-renewable resource - petroleum. The roadway and parking network required has forced the paving of precious greenspace and farmland. Indeed, automobiles and their support network are the single largest demand on the

world's natural resources, and a

Gladbach, Germany, his Mosquito aircraft was hit by flak. W/C Gibson and his navigator, Sodn.Leader J.B. Warwick, were both killed when enroute to their home base. They crashed in Holland and are both buried in that

Barnes Wallis, who was shattered by the loss of so many young men who died while proving his theories, went on to design other "super" bombs, namely the "Tallboy" and the "Grand Slam."

After WWII the British Government paid out large sums of money to inventors whose ideas had aided in the war effort. This program was known as "The Royal Awards to Inventors." Wallis was a recipient and it was said that he donated part of his award to the dependants of those men who were lost in the opera-

The Dam Busters raid became an epic in the annals of RAF history and it still stirs the imagination to this day!

Footnote: There are two publications that are required reading for those of our readers who might be interested in the personal and authentic details of the raid itself. They are "Enemy Coast Ahead" by Guy Gibson and "The Dam Busters" by Paul Brickhill.

major source of pollution and hazardous waste. The average driver trails a plume of poisonous exhaust, synthetic rubber-tire dust, oil drippings, and ozonedestroying refrigerants that escape from air-conditioners.

What a wonderful world it would be if everyone again lived and carried out their business near their place of work, reducing the need for such polluting vehicles. But short of banning the automobile, we can take steps, mandatory and voluntary, to betments are now threatening or legislating tougher emission standards, tire taxes and gas-guzzler taxes to minimize the environmental impact of future generations of vehicles. You can minimize the impact of existing forms of workplace transportation - your fleet, employee travel, courier services - by using them more conservatively, by being more efficient when you use them, and by finding more effective alternatives to their use.

The more prudent and creative you are in making environmentally friendly transportation choices, the fewer resources you'll waste, both natural and financial.

What Can We Do About The Garbage We Generate?

One ton of garbage! That's the amount that the average citizen of the Comox Valley generates each year as a resident of the most was teful province in the world's most Continued on page 12

Coatinued from page 4

MSE Safety

Split Second Death Count

If you think travelling at 90 kmh is too slow for you, find out what one wrong move at this speed can do to you.

Out of automotive crash research at Cornell University Medical College has come the terrifying picture of what happens to steel and glass, flesh and blood, in the split-second a human being is hurled to eternity. This is the slow-motion reconstruction of what happens when a car, travelling at 90 kmh hits a tree.

1/10 second - Front bumper and chrome frosting of the grill collapses. Slivers of steel penetrate the tree one and half inches or

2/10 second - Hood crumples as it rises, smashing into the windshield. Spinning rear wheels leave the ground. Grill disintegrates. Fenders come in contact with the tree, forcing rear parts to splay out over the front door. Heavy structural members of the car begin to act as a brake on the terrific forward momentum of the 2- 1/2 ton body, but the driver's body continues to move forward at the vehicle's original speed, a force of 20 times gravity, his body weighing 3,200 pounds. His legs, ramrod straight, snap at knee joints.

3/10 second - Driver's body is now off the seat, torso upright, broken knees pressing against the dashboard. Plastic and steel frame of the steering wheel begins to bend under his terrible death grip. His head is now near the sunvisor, his chest above the steering column.

4/10 second - Car's front 24 inches have been completely demolished but the rear end is still travelling at an estimated 55 kmh. Driver's body is still travelling at 90 kmh. The half ton motor block crunches into the tree. Rear roof the car, like a bucking horse, rises high enough to scrape bark off low branches.

lung and intercostal arteries. Blood spurts into his lungs.

Long Service Awards

5/10 second - Driver's fearfrozen hands bend the steering column into an almost vertical position. Force of gravity impales him on the steering wheel shaft. Jagged steel punctures

6/10 second - So great is the force of the impact that the driver's feet are ripped from his tightly laced shoes. The brake pedal shears off at the floor boards. Chassis bends in the middle, sheering body bolts. Driver's head smashes into the windshield. Rear of the car

begins its downward fall, spinning wheels digging into the ground.

7/10 second - The entire writhing body of the car is forced out of shape. Hinges tear. Doors spring open. In one last convulsion the seat rams forward, pinning the driver against the steel of the steering shaft. Blood leaps from his mouth, shock has frozen

He is now dead!!!

Drivers Quote of the Day

Some fool motorists are always trying to get ahead. They could use one!

Question

What is the safest speed at which you can negotiate a curve? a. the posted speed limit

b. under the posted speed limit c. the speed at which you have full control, without exceeding the posted speed limit

d. at whatever speed you feel comfortable as the posted speed limit is only a suggested speed.

Answer

c. The speed at which you have full control without exceeding the posted speed limit.

Signals Supply

We, the Crystal Ball Team, were thumbing through the Totem Times recently and discovered that we had not submitted our article for a long time. So, have we got an earful for you!

In the last three months, we've participated in a myriad of events, starting with the Logistics Birthday Party - thank you to WO Doug Korfman for organizing such a successful function. Then on to the Supply Ski Day - thanks to Cpl Dan Renwick for ordering the nice weather and co-ordinating the entire event. Winter Carnival was a hoot (as gauged by the accompanying photo!) We hosed the Pacific Region Logspiel and had a great time meeting up with old acquaintances and making new friends. Congrats to WO Reg Lavoie and his committee for organizing a terrific three day

On to hockey: a well deserved congratulations to our men's team in the Inter section Playoffs - which they won - and for a valiant effort in the Commander's Cup - which they did not. An honourable mention goes to the Snow to Surf team, the Crazy Eights - enough said!

extravaganza.

In the Tears and Cheers Dept:

earning the much coveted Jump Wings, and Tears as well, 'cause this means she's posted to CFPMD Edmonton (via the West Edmonton Mall!)

Seems Cpl Grondin was here one day and gone the next as Somalia beckoned and she answered the call! Get a good tan, see you when you get back.

Tears for WO Sandy Cochrane who left us to "pipe" in Edmonton. We'll miss you.

Same goes for our team of Army "Wannabees," MS Darryl Strong, Cpl Rocky Boudreau and Pte Marcel Belliveau who are off to CFB Petawawa in July.

Bye-bye to our token Admin Clerk, MCpl Doris Marsh who is saying to herself "Now that I finally have a new Orderly Room, I have to leave. Go figure!!" She is off to CFB Shilo. Happy trails,

Yes, it is now official. It is St. Jean, but it is not the Language School. Sgt. Allard is hitting the road in June. Have fun back east! Boy, we're exhausted, that

was a lot of catching up to do. Everything is getting foggy now. We don't know if it is the crystal ball or our minds, so we better take a break and get back to you

Cheers for Cpl Judy Arsenault for next month. God Bless.

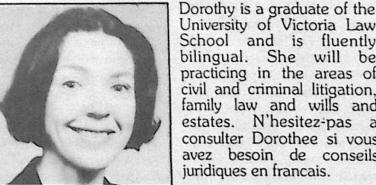
These Supply Guys are a Hoot!

Supply "Bin Rats" performed in Winter Carnival'93

barristers and solicitors wishes to congratulate

DOROTHY MARCILLE, LLB

on the occasion of her call to the Bar of the Law Society of British Columbia on May 14, 1993.



University of Victoria Law School and is fluently bilingual. She will be practicing in the areas of civil and criminal litigation. family law and wills and estates. N'hesitez-pas a consulter Dorothee si vous avez besoin de conseils juridiques en français.

GIBSON & KELLY is a a full service law firm serving the Comox Valley from its office at the corner of Fifth Street and Fitzgerald Avenue in Courtenay.

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Phone 334-2416 Fax: 334-3198

Back Row L-R: F. Campbell, N. Girard, H. Copeland, N. Stolarchuk, D. Anderson, E. Loftkrantz. Front Row L-R Col T.B. Rogers WComd, S. Evans, K. Reilly, H. Mazerolle.

137(T) Flight Langar 1952-1957

If you served at Langar and are interested in a reunion, please contact: D.A. Smith, 2315 Esther Place, Victoria, B.C. V9B 2E5, or G.P. Heinekey, 3684 McIvor Avenue, Victoria, B.C. V8P 4E8

More Bravery

Section News

Section News Squadron



LCol P.J. Kendell, CO 407 (MP) Sqn presented the following promotions/awards: Capt T. Patterson, Pilot Standards and Training Course Certificate; Sgt S.E. Dornan, AESOP Certificate of Appointment as Lead AESOP; Cpl S.J. Jackson (AESOP) promoted to MCpl; Capt C. Craddock, Maritime Patrol Crew Commander Certificate; Cpl B.G. Hollington (AESOP) promoted to MCpl.



Argus Project

Steady work on the Argus restoration has continued since our last report. It's really too much fun to call it "work" though. Some of you may have missed yet another opportunity to get in on something as popular as bungee wash job! The one we did recently helped in 712's appearance, and allowed us to examine her a bit closer for corrosion. The smell and heat of recently-run engines, and the ever present drip of warm oil is missed by all who came on out to help.

As you go by the aircraft, you may find that there is always something to notice. It took three people to lower the flaps all the way to the full flap position manually. The HF2 longwire has just reminded us that it too needs some attention. Opening the engine cowlings and the bomb bay doors has become a regular occurrance on the weekends. The level of activity in and around the aircraft makes the casual observer wonder if it's being prepared for takeoff. There is always some form of interior work under way at the same time. The galley and flight station are being gutted temporarily for a final corrosion inspection check. The results of these inspections will be formulated into a Business Plan. The plan will highlight the cost and manhours needed to restore the Argus, and this plan will need approval by the Wing Commander for that work to commence.

A group of Air Cadets received a thorough walkaround outside the Argus, and completed their tour by examining the inside and trying out some of the seats. I got a big grin from one of the Air Cadets when I mentioned that torpedoes were dropped from that aircraft position. We welcome these tours, and are very willing to share our interest in this project with anyone.

To ensure that a record of 712's progress is kept, Rory Campbell (of ProCam Productions of Comox) has volunteered to document the restoration using

Two weeks ago, our co-chairman, Tracy Reid, visited 732 at Mountainview, Ontario, and took several photos of the stripped but well-preserved aircraft we show you today. The interior insulation is immaculate! The tail number of this airframe indicates it was a Mark 2 version of the Argus with a smaller nose radar blister than what 712 has. While stored at Mountainview, the nose radar and

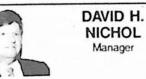
Continued on page 10



(L-R) MCpl W.T. Jenkins, Cpl L.J. Gallant, Cpl J.L.C. Labrie, MCpl V.L. McCabe, Cpl C.J. Hann, MCpl M.R. Pickering and Cpl D.C. Kensley were presented their Canadian Forces Decoration by LCol P.J. Kendell, CO 407 (MP) Sqn.



Kuwait Medal On 29 Apr 93 Cpl Lovelace received the Kuwait Medal. During his tour he worked at QM in 1 Can F Hospital, an experience he described as very rewarding and a thrill to be part of such an elaborate organization.



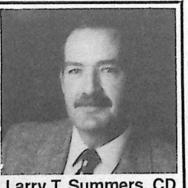
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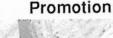
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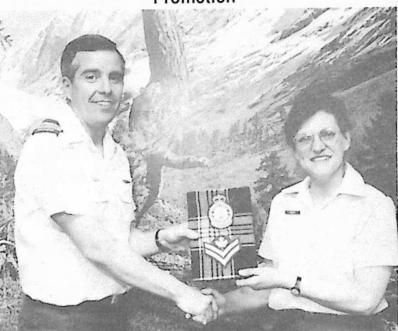


THURSDAY 3 JUNE 1993

Maj D.B. Baker, 407 (MP) Sqn SAMO, presents Cpl K. Christensen with the first seal to her third scroll for Aerobic Excellence. Cpl Christensen has been involved in the CF Fitness Program for the past 12 years and has accumulated 26,000 points by running, swimming

All members wishing to participate in the Physical Fitness Award for Aerobic Excellence Program are more than welcome. This award provides recognition for members who demonstrate an exceptional level of aerobic fitness. To qualify for the award a member must accumulate 200 units by participating in aerobically oriented activities in less than two years. In addition, when applying for your seal, you must have completed and passed the CF Express evaluation. Prior to commencing, members must register with the PERI staff at the gymnasium. For more info see CFAO 50-1 annex C or PERI Staff at loc 8315.





IE Tech Pierette Meier receives her MCpl promotion from 407 SAMO, Maj Baker.

GLACIER GREENS BAR AND GRILL

Having a Wedding, Anniversay or just a fun Party? Come to the best location in the Valley at the Glacier Greens Golf Club's Bar and Grill We can accommodate up to 115 people

in a private setting overlooking the Glacier For further information call Marg or Angela at 339-8720

Continued from page 2

Fee who proposed the bill after being approached by The Royal Canadian Legion, announced the new medals on behalf of the prime minister on 25 February.

The Canadian VC is identical to the British one except for the inscription, which has been translated into Latin and reads Pro Valore. The original inscription, For Valour, was proposed by Queen Victoria herself.

Nor have the strict awarding criteria changed, requiring an act of "most conspicuous bravery, a daring or preeminent act of valour or self-sacrifice or extreme devotion to duty, in the presence of the enemy."

Canada's second highest military decoration, the Star of Military Valour, will be awarded for "distinguished and valiant service in the presence of the enemy." And the last, the Medal of Military Valour, "shall be awarded for an act of valour or devotion to duty in the presence of the enemy."

Canada does not have to be at war for someone to win any of the three medals. "Enemy" is broadly enough defined to include acts of bravery in the face of hostile forces encountered during international peacekeeping opera-

Recipients must be a member of the Canadian Forces or of an allied armed force serving "with or in conjunction with the CF on or after I Jan. 93." The medals can be awarded, under the authority of Canada's Governor General, in two ways.

First, a person can be recommended by the six-person Military Valour Decorations Advisory Committee, made up of one person appointed by the Governor General and five CF members appointed by the Chief of the Defence Staff.

Second, a medal can be granted by a Canadian Forces officer holding a field command, subject to the approval of the Governor General.

The first recipients of the VC were veterans of the Crimean Campaign - including the first Canadian winner, Lt Alexander Roberts Dunn. He won the medal for heroism during the infamous Charge of the Light Brigade north of Balaklava, Crimea, in 1854.

The last winner was Lt(N) Robert Hampton Gray, who won it posthumously for successfully bombing a Japanese destroyer before his aircraft plunged into the ocean 50 feet from the ship. His mission took place on 9 Aug. 1945 - the day the atomic bomb was dropped on Nagasaki, Japan.

Two of the 39 living VC holders are Canadian. Both are Second World War veterans residing in Vancouver, B.C.

Ernest "Smokey" Smith, 78, earned his VC in October 1944 during the Italian campaign. He was with the lead elements of his battalion forming a bridgehead over a canal when the enemy counterattacked.

With the rest of his group dead or wounded, the private singlehandedly took on a Panzer tank and a dozen German soldiers and held the bridgehead.

Charles "Cecil" Merritt, 84, earned his while commanding the South Saskatchewan Regiment during the landings at Dieppe in August 1942.

When his unit was faced with crossing a key bridge under withering enemy fire, the colonel repeatedly led groups of men across, enabling them to achieve one of the day's few advances.

Later, while conducting a dangerous rearguard action, Merritt and many of his men were captured. He later received a letter at the POW camp telling him he had won the VC. He says he was surprised because as far as he was concerned, "I had simply done my job.'

The VC has been awarded 1351 times, including one awarded to the United States' unknown soldier, and only Il times since the Second World War. The last two were awarded posthumously to British soldiers killed in the Falklands War.

Winners of the British VC traditionally receive a nominal annual pension, now valued at 100 pounds. There are no pensions awarded with any of Canada's decorations.

Canada's VC, like Australia's, will likely be minted by Hancocks & Co. of London, England, from the same source of bronze that has been used since the turn of the century.

The remaining brass is reportedly from a Russian cannon captured by the British at Sebastopol during the Crimean War.

More 407 Promotions



New Sgt DaSilva receives his hooks from 407 CO LCol P.J. Kendall



AF Tech Cpl Steve Bennet receives his MCpl promotion from 407 SAMO, Maj Baker.

As The Beacon Turns

daily "Volks Marches" - right

a cast of "new faces" include Cpl

Weiss from Shearwater, Cpl Mid-

dleton (another hockey player

Serg!) from Baden, MCpl Cor-

mack from Goose Bay, Cpl

Johnson from Gagetown, Lt

Guinan from CYAW, Capt

Woodroffe from Ottawa, Capt

Cenicola via Cold Lake and final-

ly, on Attached Posting this sum-

mer, OCDT(W) McDonnel.

Congrats go out to a "new

face" in the "CC's " office

Welcome aboard one and all!!!

In the "Posted In" department,

Klina?! He, He.

Hey Beacon Barons, welcome to the May edition of A.T.B.T! It's been an active month around the 'ol double "Q" so I'll get right

Our "50th anniversary of ATC" dinner was held awhile back at the WO and Sgt's Mess where a good "Bib 'n Tucker" turn out was on hand. It was good to see "old" faces again and share a variety of "There I was..." tour tales. A good time was had by all and I hope to see everyone again for our 75th!?

Our ATCSET team (Maj Norrie and CWO Makay) visited the double "Q" earlier this month and, after their "Standard" tour of the unit, gave us the "good word" and departed for points east.

shinnen" Schrader is nearing the

downstairs in the form of Dave "Turbo" Masnyk. Our beloved "XIFRCCCC," Paul "Figmo" In the "Posted Out" department, rumours have turned into Anderson, was mugged out at the "Gravel Pit" last week where, "messages" for a cast of controllers; Peter Wooldridge and Bob along with his plaque 'n honorary Trainor are packing for Edmembership, (good pose Paul) monchuk, Darlene Arsenault is another presentation was given "down home" bound for CYAW, but to the NCM's of the section. Yes folks, the 93 "Officer's vs Doug Godden has bought in Cold NCM's" Slowpitch Challenge Lake, Paul Anderson sold his Trophy went to the "Non home(s) in preparation for his Comms" this year, winning 16-"expedition" to Goose (again) 13!Capt Tack presented the trophy and last, but not least, yours truly to the NCM's, where he was is getting his "kit" together for a l quor on that evening, "We year tour at Penhold!? (Back to a chance, the NCM those "little circles" again.) team was the best team I've ever Speaking of which, Tom "Spitzseen!" Maybe next year guys!

(Nice "umping" "Miss Dunn!") end of his SLC course in Borden where I'm sure he is loving those

In the training side of the house, Capt's Trainor and Crumback shook off their monitors this month, qualifying in the DAC and TERM seats respectively. Kent Graugaard is also working solo now after recently checking out in both the Data and PAR/DSC posi tions. Kudos guys and thanks for

Capt Dunn continues her initial checkout at good 'ol CCP 62 while James "FTC" Fernandez made the move downstairs, checking out at PAR 2!

Meanwhile, upstairs in the "Steel Tree-Fort," Scott Middleton is being kept busy with his UCO in the "B" Stand slot. Keep up the good work guys 'n gals!

Well, "Beaconeers," this wraps up yet another edition of A.T.B.T. but before I cap the 'ol Ink Well again, the section is looking for the next "columnist" to continue a tradition of bi-weekly "Beacon" gossip. All interested personnel are to contact MWO Dave Bews ASAP. "Until next time Beacon fans, "you're cleared enroute and monitor the

P.S. Did you know...if an aircraft was on a really, really, really long final for RWY 29 at Comox, it's flight path would take it over Florida! Hmmm.



AF Tech MCpl Rick Guerin receives his MCpl promotion from 407 SAMO, Maj Baker.



AF Tech Cpl Kendell receives his hooks from 407 SAMO, Mai Baker.

Continued from page 8

This airframe is of considerable interest (and potential use) to us.

bers wrote the following poem. which struck a sentimental chord

with all who attended April's

meeting:

To Hear the Mighty Roar by David Hall

The next meeting is on 6 June at the RCAFA 888 Wing at 3 p.m.

(1500 hrs). Come out and help save an Argus. For more informa-

THE LEEWARD

Neighbourhood Pub

and Cold Beer & Wine Store

The Patio is now open for relaxed

Great Food and Great Times

Groups & large parties welcome!

(Reservations recommended)

339-5400

649 Anderton, Comox

One of our committee mem-

Section News

Holberg Awards, Col T. O'Rourke (FGHQ)

presenting



Final Parade

Col O'Rourke accompanied by Det Comd Capt Goden and LCol Stevens (FGHQ) inspect Detachment

Holberg Stands Down

Fighter Group/Canadian NORAD Region Headquarters (FGCANRHQ) Detachment Holberg ceased operations 22 March 93. The Detachment was formed in August 1990, following the closure of Canadian Forces Station (CFS) Holberg and its mission was to continue providing NORAD with long-range radar and air/ground/air radio coverage on Canada's west coast. The site's aging radar equipment is currently being replaced with a state-of-the-art system, General Electric's AN/FPS 117. The new 19 Wing Comox. system, scheduled to be fully operational by end July 93, will be unmanned. The Detachment's military complement of 33 personnel is being reassigned to other units.

Holberg is one of four sites quirements, Fighter Group/

Hours of Operation:

Mailing Address:

Services available:

Cleaner list

7:30 - 4:30, Mon to Fri

Lazo, BC VOR 2K0

Volunteer information services

Financial counselling referrals Babysitter list -- adults and

Practical problem solving

trained teenagers

Welcome package

Family Support Centre, CFB Comox

designated to become Canadian Coastal Radar (CCR) installations. The other CCR sites are Gander, Nfld, Barrington, NS and Sydney, NS. The CCR sites are an important element of the North American Air Defence Modernization (NAADM) project, initiated in 1985 as a joint initiative between the US and Canada. The CCR sites will be remotely monitored and operated by personnel of 22 Radar Control Wing in North Bay, Ont. The equipment

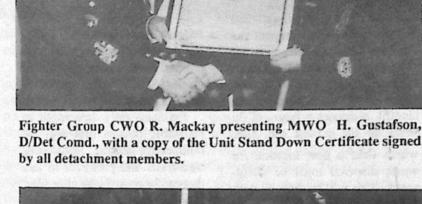
systems at CCR Holberg will be maintained by technicians from A parade was held at 19 Wing Comox on 23 April 93 to officially stand down the Detachment. Col T. O'Rourke, Deputy Chief of Staff Intelligence, Plans and Re-

Drop in anytime or call

339-8654 or 339-8655

Canadian NORAD Region Headquarters, North Bay was the reviewing officer and presided over the signing ceremony. Also in attendance from FGHQ were LCol E. Stevens, Senior Staff Officer Current Operations and Chief Warrant Officer R. Mackay, Fighter Group Chief Warrant Officer. A social event was held that evening at the RCAFA Wing to mark the unit's closure.

Personnel of FGCANRHO Detachment Holberg wish to express their sincere appreciation to 19 Wing Comox for its excellent logistics, administrative and personnel support to the unit. That support was crucial and enabled Detachment Holberg to fully meet its operational commitments to the end. Etre en vigie.





New Sgt Verne Coleman, eff. 1 May 93.



New Sgt Paul Lagacé. eff. 1 June 93.



WO Muise, CD Second Clasp

Front Page: Col O'Rourke and Capt Godin sign certificates to officially stand down Det. Holberg.

Section News

442 Squadron

442 Awards

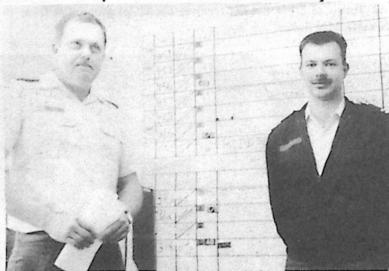


Maj Reyenga receives the Liberation of Kuwait medal from CO 442. LCol Drover.



Cpl D.A. Russell, AF Tech, receives his hooks from 442 SAMEO, Maj

442 Squadron - 100% Serviceability!



Capt Alain Carrier and MWO Gary Boyd recently teamed up to produce 10 out of 10. This rare achievment was made possible by coincidental completion of Buffalo and Labrador periodic inspections and a whole lot of hard work by all members of 442 Squadron. Congratulations 442!

NATIONAL

ACCESS AWARENESS

WEEK

More Argus

a blade from each propeller has

been removed from this sister

ship. Did you notice? This was necessary for the Airbag Lifting

Trials. Argus 732 is also used for

Battle Damage Repair, and

RCMP anti-terrorist training.

Why the Argus you may ask. The thing is old its day has passed;

Just leave it sitting on the grass.

This civilian will hear the roar:

Shaking windows, opening doors.

I've dreamed of this for many years

So don't shrow a wrench into the gears.

My father, their fathers and many more,

Whether dead or alive, will hear that roar.

So leave us alone, don't give us any razz.

Four mighty Wrights

If you want to help,

We could use some gas.

The stuff could be there.

The octane, you see, is very rare.

Then plug her in and count to ten:

The Argus soon will be flying again.

tion, contact Karl Smith at 339-7950.

So by the time we're finished

Not on your life, you can kiss my base pass!



National Access Awareness Week is a community-based initiative aimed at creating access for persons with disabilities.

Focusing on key areas of community life through the five target aspects of Transportation, Housing, Employment, Recreation, and Education, NAAW encourages communities to:

- assess their levels of accessibility;

- raise public awareness of existing barriers;

- take action to remove these barriers.

It is intended that NAAW will lead to substantial long-term changes such as: - greater accessibility to build-

ings and services; - integrated education and

recreational activities; - increased employment opportunities for people with dis-

There is much work to be done to make our community accessible to citizens with disabilities.

8625 8857 8336 Evelyn Femia

We're here to help!

Carol Anderson Russ Burns Bev Chadderton

Employee Assistance Program is a Joint Union/Management Program

You can make a difference! Need a hand?

Contact your unit Referral Agent

WHAT'S YOUR HURRY, B.C.? YOUR LOCAL POLICE CICBC



*** All serving military personnel at CFB Comox ***

*** All civilian employees (DND) at CFB Comox ***

*** All retired military and DND employees who served or worked on a Canadian Forces Air Base ***

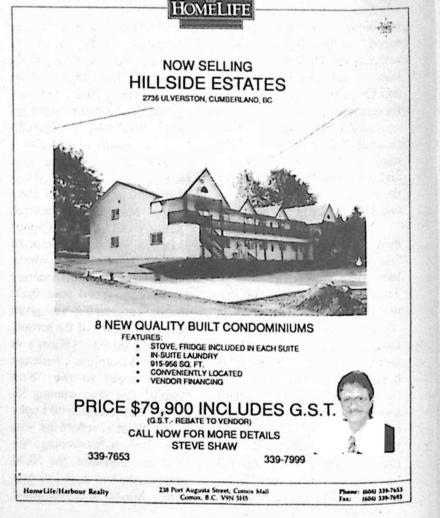
*** All allied military personnel serving or retired from the Air Elements of their country *** *** All persons in civil aviation ***

*** All ex-Air Cadets who have served two or more years and are of the age of majority ***

Associate Membership: Who is eligible?

*** All persons interested in aviation who support the Aims and Objectives of the RCAFA ***

For more information contact either: Cec Donovan - 339-7292 or Alan Scott - 339-4035



355 PANORAMA

CFB Comox Family Resource Centre

119 Little River Road

Tuesday morning discussion

Confidential short-term

Counselling services Parenting information

Emergency shelter

group with childcare provided

Ongoing programs:

Teen program

All Services are

Confidential

180° view of the glacier, mountains and estuary. Southern exposure gives this 2500 sq.ft. home lots of sunshine and warmth. On cool days, two floor-to-ceiling masonry fireplaces ensure cozy quality living. Three bedrooms, formal dining-living, hobby room, family room and recreation room. Electric forced air heating. Huge covered sundeck, double carport and R.V. parking. Clean, no smoke or pets and grounds are beautifully landscaped.

\$189,700

by Appointment 338-0035



20-22 August 1993 For more information contact

Major Dave Dares Chairman 50th Anniversary Committee 434 Combat Support Squadron 12 Wing, Shearwater N.S. BOJ 3A0

Phone 902 466-1918 Autovon 479-1918 Fax 902 466-1913

Frank Steven

There were other differences

between this flight and others.

For the crossing we flew 6,000

lbs. over gross, relative to the

civilian All Up Weight, carrying

10,000 lbs. of fuel. This gave us

lots of margin for the longest leg

of 1,400 n.m. 9.3 hour flight from

St. John's to the Azores. We had

no worries about navigation. Lit-

ton kindly installed a \$45,000

Omega Long Range Nav. system

as well as a \$110,000 Inertial

Navigation System (INS). What

a giant leap from our machines in

the sixties with only Loran and

received its Certificate of Airwor-

thiness prior to departure, we flew

the Atlantic as an "experimental"

aircraft. A special ferry permit

was obtained in order that we

could carry a full capacity fuel

load for the long over-water legs.

direct to Bermuda and then to

Spain, but Bermuda no longer had

Avgas, only Jet fuel. Hence the

Our original plan was to fly

Since the Albatross had not

ADF.

Feature

On the Base

More Environment

wasteful country. The British Columbia government has set a goal of 50 percent reduction of landfills by the year 2000, and to this end the Comox-Strathcona Regional District is developing a solid waste management plan, a process which began in 1990.

Island-wide co-operative management and marketing of recyclables are also being studied by the provincial government and the Association of Vancouver Island Municipalities. John Cooper, supervisor of the Comox Valley's 54 hectare Pidgeon Lake landfill, estimates a future of 30 years for the current site, after which time a new location for waste disposal must be designated. This will be difficult with the valley's burgeoning population, which may also make Cooper's 30-year estimate overly generous. Which lake, which wooded valley, should be sacrificed next to the Garbage God? And at what price in 2023 real estate values, contamination of ground water, and destruction of land and wildlife habitat?

These are some of the true costs of garbage disposal. But they are hidden and we hear little about them. Efforts are being made by many local businesses and by CARE (Citizens Action for Recycling and the Environme nt) to provide the public with more opportunities to decrease the waste stream. CARE em-

phasizes the importance of the first two Rs - Reduce and Reuse. After that, by all means Recycle!

The following is a current summary of some of your best bets for recycling in the Comox

Glass: The nearest glass recycling facility is in Vernon, and transportation costs from the island are prohibitive. However, Pidgeon Lake landfill has an ongoing need for glass which is crushed and used for road repair on site. Special bins are provided for glass there.

Purchase only beverages in refillable bottles that may be returned for deposit. Bottle your own fruits and preserves in jars that can be reused year after year. Buy B.C. wine in two or four litre bottles which can be returned for deposit to the Courtenay Bottle Depot, 1255 McPhee Avenue, 338-6013, or to the Cider Press. 835 McPhee, 334-2531.

Tin: This may be dumped in the designated barrels near the scales at the Pidgeon Lake landfill. It is collected four times a year and shipped to Budget Steel of Victoria, where it is shredded. There would be a better market for it, if increased volumes could be gathered from the whole island.

Aluminum: Soft drink and beer tins, with deposit on only, may be returned to vendors. Aluminum foil, pie plates, etc.,

are not recyclable and should be

Tires: These may be returned to the vendor when new tires are purchased or deposited at the landfill in a specially designated area. From there they are sent to Port Alberni for chipping and export as fuel for cement kilns or for manufacturing into mats and other products. At Pidgeon Lake, two tires without rims may be deposited per trip at no charge. Additional tires are charged by weight at \$27 per tonne.

Motor Oil and Car Batteries: Used motor oil may be deposited at most service stations, and vendors are now obligated to take back used oil and batteries when new products are purchased. Batteries may also be taken to the Courtenay Bottle Depot, 1255 McPhee. Mohawk is the only petroleum company in Western Canada with a special refinery for recycling oil. The local Mohawk Station is at 2350 Cliffe Ave., Courtenay, 334-2811. All Mohawk oil contains re-

Compost: Organic waste (including household and garden) constitutes up to 30 percent of the waste stream. Start a backyard compost pile and watch your garden flourish, or donate this type of waste to a neighbour with a green thumb. Residents of Comox may drop off yard waste (excluding branches) at the

Public Works Yard, 1390 Torrence Road. CARE has also initiated a pilot project for composting

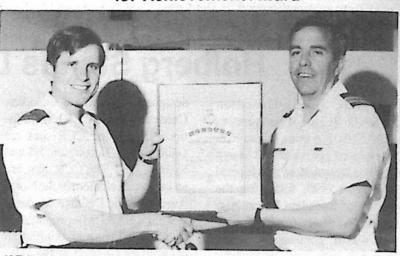
which began this spring. Scrap Gyproc: Inclusion of scrap drywall in the landfill has been banned by the Vicoria and Nanaimo regional districts. When it is buried, gyproc produces hydrogen sulphide, a noxious, evil-smelling gas. Tipping fees have increased (\$120 per tonne in Nanaimo) to cover shipping costs to a plant in Vancouver where the waste is re-processed into new sheets of wall-board. Pidgeon Lake landfill continues to accept gyproc; however, a ban could be instituted in the future.

Toxic and Hazardous Waste: Collection and storage

facilities are shamefully non-existent in the Valley. These wastes pose a continual threat of contamination to soil and to water systems (including ground water and marine habitat). According to John Cooper, a program of ground water monitoring will start this spring at Pidgeon Lake landfill. It is interesting to note that the latter is situated above the Valley's drinking water supply at Comox Lake. Landfill leachate has the potential to drain into this reservoir, although past hydrogeological studies have shown that drainage is in another direction. Refrain from buying herbicides, pesticides, paint solvents, or if you must, buy only

the amount that you can use.

407 Achievement Award



407 (MP) Sqn SAMO Maj D.B. Baker, presents Cpl Colin Kelley with his ATAT Honours Achievement Certificate. Cpl Kelley is a member of 407 Photo Servicing's 1 Crew. Well done Colin!

Canadä

Stewardship



day Group Defense Research Establishment Suffield • Ferruginous Hawk (Buten regelis)

The Canadian Forces and the Department of National Defence commit to:

- Integrate environmental concerns with operational, financial, safety, health, economic development and other relevant concerns in decision-making;
- Meet or exceed the letter and spirit of all applicable federal environmental laws and, where appropriate, to be compatible with provincial and international
- Improve the level of awareness throughout the Canadian Forces and the Department of National Defence of the environmental and health benefits and risks of operational decisions, and to encourage and recognize the actions of
- Apply environmentally responsible management practices to hazardous substances used in operations, including biological products, specifically with regard to the acquisition, handling, storage, safety in use, transportation and disposal of such substances;
- Ensure that environmental considerations are integrated into procurement policies and practices;
- Seek cost-effective ways of reducing the consumption of raw materials, toxic substances, energy, water and other resources, and of reducing the generation of waste and noise associated with day-to-day operations; and
- Acquire, manage and dispose of lands in a manner that is environmentally sound, including the protection of ecologically significant areas.



Part 2 -

Test

this flight!

G-111 called for a useful load of 7,965 lbs. for seaplane operations and 7,205 lbs. for land. Total fuel in the main was 662 gallons, or 3,750 lbs. For this flight we carried our normal RCAF capacity, well as fuel in the floats. Ferry capacity was therefore 10,000 lbs. The G-111 All Up Take-off weight is 30,605 lbs. for land. We had to demonstrate with an AUP weight of 10,000 lbs, a breeze really when you consider this was the weight normally used in the

The flight test complete, and

Flying

By Frank Steven

route change via the Azores. However, before we could leave West Palm Beach (home of the FAA Southern Region), we had to make a large circuit of the field to demonstrate to them that the machine could haul the load. Bags of cement instead of the relief crew and baggage. The FAA inspector declined a seat on

The specifications for the civil ie. fuel in external drop tanks as

subsequent paperwork cleared, we were finally ready for the The Albatross - Life Continues



great event. Although there were only three qualified crew - Fred Rowley copilot, Larry Jackson engineer and myself - all Gruman served as a good test of the employees, the remaining four were permitted to accompany us as they were pilots (admittedly private). Three were Resorts personnel and one an associate editor of AOPA (Aircraft Owner and Pilots Association). The modern airline interior of the aircraft was in contrast to the deep rumblings of Wright engines as they fired up, anxious to haul us into the air. They are now known as Wright 982ch9he3 9-cylinder engines gor, our engineer checked her (the original Wright Cyclone Rover carefully. Larry was happy 1820-76) and rated at 1475 HP. with his engine's performance. They are 50 HP less than the R-Fuel consumption was 100 gph, 1820-82 which engined our

in a Rolls Royce compared to the equipment they knew. Our first leg to Bangor, Maine,

machine's endurance and of the navigation equipment. The Omega indicated a wind of 12 knots from 173 deg., and a ground speed of 145K. However, a wind shift off the Carolinas slowed us down to a little better than 100K! Nevertheless, everything had gone very smoothly on the ninehour flight mostly over water. At the end of the day, as N112FB sat in the clear, smogless air at Ban-

with no unusual oil consumption. In fact, weather accounted for the only real problems of the whole

The next day, St. John's was down with a reported visibility of a quarter of a mile, so it was the following day before we arrived in Newfoundland. The flight was in cloud most of the way, including a full instrument approach through snow showers, but we had averaged a ground speed of 190K. Another two days of weather-watching kept us grounded as a result of a deep low over northern Canada, but late blooming daffodils served as a reminder that spring was just arriving over the Atlantic.

Junior Ranks Mess June 1993 Calendar

Friday Il June.

..TGIF Shufflecan Food will be available followed by DJ

...Steak and Lobster Night Saturday 19 June.

Tickets available at office by cash or acquittance (\$18 members, \$21 guests) ADVANCE TICKET SALES ONLY For more info, see ad in this newspaper.

IJ JUNE IJJ3

RCAF machines. The consider-

able soundproofing installed in

the cabin and flight deck so im-

proved the comfort level that the

pilots could easily talk to each

other without headsets. Military

aircrew, particularly radio of-

ficers who sat up by the starboard

propellor, would think they were

1 1/2 - 2 LBS LOBSTERS 8 OZ STEAK PLUS THE TRIMMINGS

COCKTAILS: 6 PM DINNER:

7 PM

BRING YOUR OWN TOOLS

BAND FEATURING THE

ON SALE 18T

> MINDELINE \$ 18.00 NON-MINDERS \$ 21.00

CASH OR ACQUITTANCE ROLL

THE POCKET FISHER

"IT'S LIKE A PARTY IN YOUR PANTS"

There are few people who are

comfortable with their anger.

Why? It appears, anger is an in-

convenient and misunderstood

emotion: it questions, challenges

and confronts what others do and

those others often do not like to

Most of us as children were not

taught how to recognize and deal

with our anger. As a result we

developed very ineffective pat-

terns. We may have learned not

to express anger - to avoid, deny,

or push aside any emerging feel-

ings of irritation and annoyance.

Or we may have learned to shout,

explode and threaten others,

which is why anger often gets

confused with hostility and

violence. Of course, neither of

those two approaches work very

We may not feel comfortable

with anger, but whether we like it

or not it plays a significant role in

our close interpersonal relation-

ships. Anger comes from the

heart - it wants to connect. It is a

natural reaction to protect oursel-

ves - a message that we are hurt-

ing, that our rights have been

violated and our needs and wants

are not met. By communicating

anger we share these irritations

and resentments with the goal to

resolve our interpersonal con-

flicts. Anger is also a way of

saying: "No more! I want you to

Because most of us have

learned and experienced hurtful

and destructive ways of express-

ing anger we must go through a

process of re-learning before we

can actually appreciate the posi-

tive effects of anger. In order to

regain our ability to express anger

effectively we must first become

stop!" - to set limits.

hear what we have to say.

Exploring Anger

By Jürgen Jung

aware of it and acknowledge it.

We need to learn what triggers

and escalates our anger and to

recognize the different levels of

anger. Sometimes it is more ef-

fective to express your anger im-

mediately and sometimes it is

better to take a time-out. It will

take some practice to express

anger assertively without attack-

ing others in a way that causes

them to become aggressive in

balanced "middle path" between

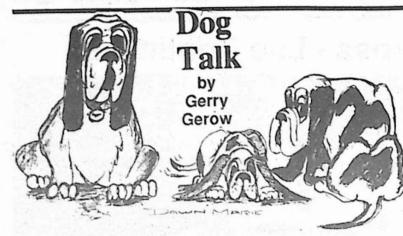
stuffed anger and destructive

lowing story:

The importance of finding a

Leisure

Leisure



Pet Purchaser Protection

This week a training book, Training Your Dog, by John Rogerson, Howell Book House, New York, and Maxwell Macmillan, Don Mills, Ontario, \$21.95.

John Rogerson has been involved in training dogs, and working as a dog behaviour consultant, in England, for over 20 years. His book does get a little deep at times, but all in all the basic training methods are here, with a few new twists. The author stresses the fact that dogs are thinking animals, and bases his training methods on this fact. This is a well illustrated 202-page hard cover edition which is also indexed, something not found in most training books. Rogerson has also added an appendix, which lists recommended names for dogs, a nice addition. This

one was only published lately, so you may not find it in the book stores, but you can order it from Howell, or Maxwell Macmillan at 1-800-465-5273.

The British Columbia SPCA has proposed a Pet Purchaser Protection Act which, as well as requiring the vendor of a pet to pay for any medical treatment required which has resulted from a condition existing when the pet was delivered, also states: "If the Vendor advertises or claims that the pet is of a certain breed, guarantee, for a period of one year from the date of delivery, that the pet is of the breed claimed; and if the vendor advertises or claims

that the pet is registerable in Canada as being of a certain breed, guarantee for a period of one year from the date of delivery, that the pet is registerable as claimed.

The pet store owners are going to be screaming at their legislators, because if this act is passed, it will cause them to stop what they are doing, and if they continue selling puppies at all, they will have to be properly certified stock and not stuff sent up from American puppy farms. If this act is passed, I suspect that the pet stores will be out of the puppy slavery business, because no self respecting breeder will market their puppies through a

Will this act be adopted? Personally, I doubt it. Our MLAs are famous for waffling over things like this. But it should be, and if it is, it will be a great day for the doggies.

comments on it.

740 Comm Det Promotion



Cpl J.A. Olasz receives his hooks from 740 Comd. Capt D.W. Young

Looking for Work?

Self Development Services Career Development and

specializes in call 338-6722

Job Search Skills

* Job Finding workshops

(sponsored by CEC)

for information about

* Private consultations for Force Reduction personnel

Under "Remedies," the proposed act states that the purchaser may return the pet to the vendor for a refund of two times the purchase price, or keep the pet and require the vendor to refund one and a half times the purchase

The entire proposed act has been published in the May issue of Dogs in Canada, and the Canadian Kennel Club, at 100-89 Skyway Avenue, Etobicoke, Ontario, M9W 6R4, invites your



WLogO Awards Day held 30 Apr 93. The following persons were honoured: Back row L-R: MCpl Battersby, WSupO, CD; Mr. Jack Clark, WTnO, Retirement Scroll 34 years; Mr. Bob Bird, WTnO, Retirement Scroll 40 years; MCpl de Denus, WTnO, "LAC K.M. Gravell G.M. Award" as outstanding candidate of his flight on JLC; CPO1 Hazelwood, WTnO, Marine Section Snowbird Appreciation poster; Front row L-R: Mr. Nick Stolarchuk, WCEO, Retirement Scroll 38 years; LCol King, WLogO and MWO Cote, WCEO, Silver Seal for Aerobic Excellence.

WLogO Awards

19 A.M.S.

In the years prior to 1920 the term Nondestructive Testing (NDT) had not yet acquired a meaning or found a place in the engineering language. There were many testing methods at the time, but NDT as such, was not yet in existence.

Following the end of World War I, Mr. William E. Hoke, working for the Bureau of Standards, found that the metallic grindings from steel parts being ground while held in a magnetic chuck often formed patterns on the face of the parts. These patterns corresponded to cracks in the surface of the parts. This discovery was the basis for the NDT method that would become known as Magnetic Particle Inspection (MPI).

Although the basis for this method was known before 1920. it was not until 1934, when Mr. A.V. de Forest and Mr. F.B. Doane formed the Magnaflux Corporation, that MPI began to gain acceptance as a diagnostic inspection tool. To understand just how MPI

works, we must first look at the

a lower reluctance path to the

magnetic flux and are therefore

drawn to and bridge the air gap,

magnetic component of this process. If we consider a bar of magnetized ferromagnetic material, we find it to be surrounded by a field of force. By laying a piece of paper over the bar and sprinkling iron filings on the paper, the iron particles will arrange themselves giving a visual display of the magnetic field, also known as a flux field. Two bars joined end to end (simulating a defect in one long solid bar) will have a considerable gathering of particles at the junction point. The magnetic or flux field is trying to arrange itself as one large field, but the flux leakage at the junction point must jump across a relatively high reluctance air gap (minute, but still there). The iron filings offer

giving a clearly visible outline of the simulated defect. Unfortunately, we cannot inspect nonferrous items with this procedure, for example, aluminum cannot be magnetized and cannot be tested The following is a step by step

of the MPI inspection procedure. Once the part to be inspected has been determined to be a ferrous material, it is then cleaned of all greases, oils, and loose flaking paint. Unlike Liquid Penetrant Inspection, LPI, the paint (provided it's not thicker than .08mm) does not have to be

Then the part is magnetized. If it's a small part that has been removed from the aircraft, it's generally routed to the NDT shop and inspected at the large MPI bench unit. If it must remain on the aircraft then a portable MPI yoke is used and it is inspected in-situ. While the magnetizing current is being applied, a prepared suspension medium is applied to the part. This suspension consists of extremely fine ferrous particles that have been treated with a fluorescent dye. suspended in an oil based carrier to allow for better mobility of the

The part is then viewed by the inspector under darkened conditions with the aid of a black light. The fine ferrous particles fluoresce under these conditions, and the inspector is looking for a visible build up of particles, thus indicating flux leakage of some degree in that area. Now the interpretation of the indication by the inspecator must be made. Is it actually a defect or just a nonrelevant indication (an indication that is supposed to be there, such as thread roots, key ways, drilled oil passages, etc.). This is where the experience of the NDT inspector is important.

Next the part is de-magnetized. This step is important in that while a part is magnetized, it is impossible to clean off all the

ferrous particles adhering to its surface, and as these can become a future source of wear or contamination, it is imperative that they be removed. More importantly, the slight residual magnetic field may interfere with the aircraft navigation, instrumentation, or weapons guidance systems - not good for pilots, or those on the receiving end of a misguided weapon.

THURSDAY 3 JUNE 1993

Finally, a post-clean process is

That's it. No paint stripping, no dwell times to wait out (much to the chagrin of our smokers), a quick and efficient inspection

These are a few of the finer details that NDT technicians must know, but the most important detail being "don't wear your wrist watch while carrying out MPI." It has a way of magnetizing the movement pieces of older style watches, bringing them to a standstill, and on the newer quartz watches, the frequency of the expanding/collapsing magnetic field can speed up your day con-

IE/IS Labs

chirping, leaves greening, geoducks ducking, and vent caps popping. Vent caps? That's right: spurred by a couple of exercises, the boys in the Bat Cave (Battery Shop - part of IE/IS Labs) have been staggering under the weight of battery demands. Not to toot our own horns, but we have to convince our supervisors that we're staggering for a proper military reason, and in a proper military fashion. Amidst this raucous caucus of acid and current, the Maritimer, Jamie Antle, and the Kraut, myself, are learnlearning the ropes, Pat Boulanger continued on page 15

carried out and the appropriate paperwork filled in (defective parts routed for re-work or disposal, serviceable items back to originator for continued use).

The arrival of spring has birds ing the ropes. When we're not and Rick Levigne teach us useful

The Association Francophone many Francophone organizations in British Columbia noticed that a lot of French-speaking people couldn't be fully integrated into the English society. They found those with the most difficulty had low literacy skills in French as French learning centre was estab-Buteau at 334-4415.

Carolyn Haight

colour and flavour with almost no fat. To keep the fat, calories, and cholesterol to a minimum, be sure to skip trimmings such as cheese, bacon bits, fried croutons, and small olives.

Once upon a time there was a rattlesnake which lived near a vilbroth until syrup-like.) lage. When the villagers went outside their village the rattle-

snake would often bite them. Many became fearful and refused to ever leave their village. One day the village elders sum-

moned the rattlesnake to them and by means of a spell, made the snake promise it would never bite anyone again. Soon it became known that the

snake had lost its venom and was no longer a threat. People grew unafraid of the rattlesnake and began to tease and hit it. Some time later the elders summoned the snake again to see if it had kept its promise. The

rattlesnake was bleeding in several places and it told the elders it had been badly abused ever since it had kept its promise The village elders shook their

heads and said: "We told you not to bite but we didn't tell you not

Jurgen Jung is a Registered Clinical Counsellor in Private Practice

Francophone Survey

de la Vallée de Comox has recently launched a survey that has been funded by Employment and Immigration Canada, Courtenay office. The study will identify the needs of adult education in the valley with a focus especially on those who have difficulties in writing, reading and math in their mother tongue, French.

Until the end of July, the survey will determine the number of French-speaking adults in the valley and what they really need. A questionnaire has already been mailed out to over 500 households that are expected to be Francophone. The survey asks 20 questions on a range of topics, such as general background, language used most, level of education, interests, occupation and age. The study will then examine the community organizations that provide services to determine what gaps exist.

This survey is part of a provincial action plan on French literacy. Over the past years, well as English. Two years ago, a lished in Vancouver to help the francophones with their reading and writing skills and day to day life skills. This experience was so positive that studies have been conducted all over the province that will assist francophones with low French literacy skills in taking control of their own lives. Those studies are either under way or completed in Powell River, Vancouver and Victoria. More francophones will have the opportunity to develop their fundamental skills in French so they have a more successful transition to upgrade their work skills in English. If you are francophone and you have not received a questionnaire yet, or if you want more information, please contact Annie

What's the perfect meal on a hot summer day? A salad, of course! Salads are more than just a bit of lettuce in a side dish.

They can be made to make a wellbalanced meal that will fill you A "healthy salad" has a lot of

Here are some flavourful suggestions to cut the fat out of

anger is best illustrated by the fol-- Use chicken, vegetable, or beef broth instead of oil when making salad dressing. (Boil the

- Garlic will add zest to any

- Try using a scant amount of sesame oil, virgin olive oil, or herb flavoured oils. Remember, a little of these oils goes a long

- Red wine vinegar, balsamic vinegar, or fruit juices (such as lemon) will give salad a terrific taste, making the use of high-fat ingredients unnecessary. - Herbs and seasoning salt also

add an abundance of flavour. So take advantage of the fresh vegetables when they are plentiful and make a summer meal.

Low-fat Chicken Caesar Salad (4 Servings)

2 cups Italian bread, cubed 3 cloves minced garlic

2 T. finely chopped parsley Salad:

1-1/2 cups chicken broth I bay leaf

1 tsp. pepper 1 lb. boneless, skinless chicken

1/2 can (2 oz.) flat anchovy fil-

More AMS

stuff, like how to charge batteries. Speaking of useful stuff, our fearless IE leaders, Al Turgeon and Bob Aitchison, will soon release their new book DOS Spelled Backward is SOD. This is an effort to quell the heated debate over why only Stephen Hawking and Bill Gates understand how the heck DOS really works (or what the heck it does, for that matter!). Their previous effort, How To Spell DOS, was reviewed very favourably by the Western Fertilizer and Hog Report, and sold into the double digits. Our IS sergeant, Doug Ashbee, who lives across the wall from Bob and Al, is writing his own book, Shut Up Already About DOS!

Despite these idiosyncrasies, IE/IS Labs moves through the day fairly benignly. The clinking of coffee mugs - tools, I mean - in the IE section is periodically pleasantly interrupted by muted shouts of "Euchre!" from the IS part of the shop. The place is

The Summer Meal

lets, drained

2 T. olive oil 2 T. red-wine vinegar 1-1/2 T. Dijon mustard

1 T. lemon juice 1 T. grated Parmesan cheese 1 tsp. Worcester sauce

I clove garlic, finely chopped 2 large heads romaine lettuce, rinsed and dried

1. For croutons, heat oven to 350 degrees. Bake 1/2 inch cubed croutons on ungreased baking sheet. Bake, turning, until golden brown. Place in paper bag with garlic cloves and parsley and toss to coat. Set aside.

2. In large skillet bring chicken broth, bay leaf, and pepper to boil. Reduce heat to medium and add chicken breasts. Simmer about 8 minutes until fully cooked. Remove chicken and cool to room temperature. Cut into strips. Reserve 1/3 cup broth and strain through a sieve. (Keep remainder of broth for use another time.)

In small bowl toss romaine lettuce with chicken. Pour dressing over salad and toss to coat well; sprinkle with croutons (12 g

Skinny Chef's Salad (4 Servings)

12 small new potatoes 1/2 lb. green beans

I head iceberg lettuce, rinsed, dried, and torn into pieces

I bunch chicory, rinsed, dried, and tom into pieces 1/2 lb. turkey breast (cooked),

and sliced 3 carrots, pared and sliced

2 hard-boiled eggs, peeled and quartered 1/4 lb. light Jarlsberg cheese,

cut into strips low-fat Russian dressing, or

dressing of choice

In medium saucepan cook

separated from the rest of us riffraff by a metal door and a menacing "No unauthorized entry" sign, which leads us to believe that the IS component is developing a top secret playing card for Bicycle. That door is also the reason why I don't have any dirt on Mike, Carl, Keenan, or Mark. Annette, however, keeps us in junk food and spare parts, so she gets a special mention. As for shop rotations: Battery

Shop veterans Rod Funk and George Gebauer have settled nicely into the Lab, where they now rub shoulders with, among others, Greg Broadbent, whose jokes are almost, but not quite, as funny as Chevron commercials. Kim Fournier did a fantastic job

potatoes until fork-tender. Using a slotted spoon, remove to colander. Add green beans to saucepan and cook until crisptender. Drain in colander. Run cold water over both until cool. Cut potatoes into quarters.

2. Line serving platter with lettuces. Place turkey, carrots, green beans, potatoes, eggs, and cheese on lettuces. Serve dressing on side. (9 g fat.)

Vegetable, Couscous and Chick-pea Salad

1/2 cup apple-cider vinegar 2 T. Dijon mustard 2 T. water 1/2 tsp. minced garlic 1 tsp. salt 1/2 tsp. pepper 1/4 cup chopped parsley

3 cups cooked couscous (follow directions on package)

I small head broccoli (4 cups) 1/2 head cauliflower florets (4

1/2 cup chopped green onions 1 can (10.3 oz.) chick peas (garbanzo beans), rinsed and drained 4 cups sliced mushrooms (1

2 red bell peppers, sliced I yellow bell pepper, sliced 1. In small bowl combine vinegar, mustard, water, garlic,

salt, pepper, and parsley. Set 2. In large pot of boiling

water cook broccoli and cauliflower until crisp-tender. Drain in a colander and run under cold water until cooled.

3. Toss couscous with green onions, chick-peas, and half the dressing. Place in centre of serving platter and surround with remaining vegetables. Drizzle with rest of the dressing. (3 g fat.)

Continued from page 14

organizing ski days for the section this winter; I suspect that's why he hasn't been moved yet. Simon Hutchins won the draw to do the morning shift in the Bat Cave, so he now slaves away down there. Newly arrived are Dan Doust, on his ATAT rotation from 442 Sqn, and Nancy Richard, who is in from Germany and unfortunately hospitalized. At the time of writing, her condition is still unclear.

That's the update for this edition; you can all start breathing again. The law of averages dictates that someone in our section will do something silly and/or worthwhile before the next deadline, so look for the "IE/IS Labs" label, your symbol for quality

NEXT DEADLINE 21 JUNE - NOON

Health & Fitness



TAKING CARE OF YOURSELF

By Gail Dal-Santo, RN Health Promotion Consultant REGISTERED NURSES ASSOCIATION OF B.C.

Volunteer Yourself

eye arrives at our community health drop-in program to weigh' and measure infants. It's obvious that she loves small children.

phone and encourages another volunteers in Canada have a high with the same diagnosis to come to school education or less. Lots of his support group for mutual aid and the sharing of hope.

Four years ago, my mother expand her own horizons. Today, at 79, she is happy and active and, experiences.

have in common? They are all volunteers who work for nothing. But many things you can do to help the work they do is invaluable.

It's also fun. According to a national survey, volunteers are satisfied with their activities 90 per cent of the time. They like the way volunteer your services. If you their organizations run, the way don't know someone who is they are treated by professional already a volunteer, visit the volstaff, and the other volunteers they unteer centre of an organization get to know. In fact, three- quar- which interests you or drop into a ters were willing to give extra time volunteer bureau in your commuwhen needed, especially in special

If you're interested in becoming a volunteer, first consider what you might like to do. Volunteering help other people if you are doing Why not you?

A woman with a twinkle in her something you enjoy and if you like sharing with others.

Don't be discouraged from volunteering because you don't think you have enough education or A man with cancer answers the you're unemployed. Half of the volunteers are unemployed or out of the workforce.

There's many things you can do joined a seniors wellness centre to to help, no matter what your background or education. You can help shut-in seniors by volunteering to in fact, expanding the horizons of do their household repairs or by other seniors who are shut-ins. She driving for Meals on Wheels. You loves phoning me to chat about her can work in a hospital auxiliary thrift shop. You can join an adult What do all of these people literacy program and help other adults learn how to read. There are and many skills that you can share

> Once you've determined how you'd like to help, go ahead and nity. Just offer your time and energy and ask what opportunities are available for you

More than five million Canadians work as volunteers. But is a two-way street. You can best there's always room for one more.

Warn kids about hidden dangers

condoms. If you find them any- so you don't have to touch the where go and tell a grown-up."

children Used needles and condoms are

thrown away and hidden in a lot of different places-school grounds, parking lots, the street, bag over it and knot the bag, the the park, the woods, washrooms, garbage cans, behind bushes and just about anyplace else.

Both could be dangerous if When you are done, remember AIDS or Hepatitis B, which are of soap and hot water. each serious diseases. Although not all needles and condoms are infected, there is no way of knowing which are safe.

If you often find needles or condoms where you live, tell someone in charge. If you find them in your apartment building or rented housing, speak to the landlord or manager.

If you find them in public places, like parks, call your local health unit. But, most importantly, be sure that the needles or condoms are removed.

Be very careful if you are getting rid of used needles or con- advice. doms yourself. Make sure you wear gloves when dealing with dren what they should do if they both. Use tongs to pick up nee- find used needles or condoms and dles, then put them in a remember what to do yourself, puncture-proof jar or can and put You will both be safer for it and on the lid. If you don't have so will your community.

"Don't touch used needles or tongs, use pliers or any other tool needle. Your most important con-That's the message to give your cern is don't PRICK yourself!

> A condom can be picked up by putting the plastic bag over your hand like a mitten. When you have grasped the condom, flip the same way dog owners often do when disposing of their pet's droppings.

You can get rid of condoms safely by simply throwing them in the garbage enclosed inside the plastic bag. But needles should be taken to your local health unit or police station for disposal. DO NOT dispose of needles by throwing them in the garbage! You will seriously endanger other people. Needles can only be safely eliminated by burning them at very high temperatures. For this reason they are best destroyed by specialists in medical waste disposal. If in doubt, phone your local health unit and ask for their

Take time to teach your chil-

NEXT DEADLINE 21 JUNE NOON

info health

Dr. Bob Young



Beware the Demon Opium

"Beware of the demon opium" was the standard advice to medical students until relatively recently. Our teachers were not too worried about us using it personally - that would have finished our fledgling careers then and

No, they were cautioning us about prescribing morphine and other potent narcotics. We were left with the impression that the opioids (morphine and similar pain relieving drugs) were for short-term use after operations, following an injury, or for a few days before an anticipated death. "And keep the dose as low as you can," we were reminded.

The major concern was addiction. It was thought that if you gave a patient morphine for very long, or used more than small amounts, the person would be "hooked" forever. I think we all imagined our future practices shrinking as our morphine-besotted patients hied themselves off to opium dens.

No one ever explained why

withholding comforting morphine from a dying patient was so important - surely addiction then would not matter.

It is much different now. We know a lot more about both pain and morphine. Hospices and pain clinics have done a lot of research and have a wealth of experience with the opioids. Many myths have been shattered, perhaps the most important one being the belief that addiction was inevitable.

This just doesn't happen when morphine is used for acute pain. It's almost as though the pain soaks up the drug, leaving none to cause dependency. Even patients with chronic pain who need the drug for long periods rarely want to continue if they are fortunate enough to have the pain-producing illness subside.

The minimal-dose myth has also been shattered. While most doctors still, almost automatically, order "5 to 15 milligrams every 4 to 6 hours" as a starting dose, we no longer hesitate to in crease it as required. We now believe our patients when they tell us they are not getting enough morphine to be comfortable.

Sometimes the doses get very high. I have a patient at present who needs 400 mgms twice a day, with an additional 60 mgms several times in between for breakthrough pain - and this is not unusual. This dose would probably kill anyone who was not already on the drug, but tolerance does occur, and morphine requirements may skyrocket.

Luckily, tolerance to side effects also develops - they are seldom a

Morphine and similar drugs are the most effective agents we have against both acute and chronic pain. Now that the medical profession has learned to use them properly, much needless patient suffering has been alleviated.

Cutting Costs

Prompt access to medical laboratories and x-ray facilities is absolutely essential to today's physicians. Clinical acumen and hands-on medicine is still very important in diagnosing disease, but the lab tests and body imaging now available are often crucial.

All hospitals have their own labs and x-ray facilities. Smalle ones may have to send blood and other specimens out for the fancier tests, and may not have the equipment for special x-rays.

The vast majority of tests are done in private facilities owned by pathologists or radiologists specialist doctors trained in lab medicine or x-ray. In all cities and most towns they have offices that are situated close to, or in, medical buildings.

This is where you probably go when your doctor gives you a requisition to get a blood test, a cardiogram, or a urine test. Depending on its complexity, the

test may be done in that office, or the specimen transported to a "main lab." There, sophisticated, automated (and very expensive) equipment, run by highly trained technologists, is used to find the needed answers.

The system runs very well, is increasingly efficient (with results now often transmitted by E-mail through computers), and accurate, as independent checking of results is routine. The owners have invested millions of dollars in their equipment, and employ hundreds of staff ranging from file clerks to PhD's in biochemistry.

Recently in Saskatchewan, and now in BC, private labs are under review by Ministries of Health. The intent appears to be the removal of laboratory medicine and x-ray from the traditional fee-for-service, private enterprise realm, and perhaps place all lab work under

hospital control. "Cutting costs" is implied.

Past experience would suggest that this move would likely markedly decrease patient access and convenience, and would probably lead to delays in obtaining results. Even now it often takes longer to get results on a patient who is in hospital than on one whose work has been done by an outside lab.

"If it ain't broke..." should, I think, be the philosophy here. Laboratories, in particular, have been very responsible in designing protocols that have helped reduce costs. Their competitiveness keeps their consultation services for doctors sharp and available; the same goal of excellence strives for perfection in a demanding field.

Disrupting the status quo to test somebody's questionable master plan would be, in our opinion, disastrous.

Summer Hours Jun-Aug. Wed-Sun-Hols (closed Mon & Tues.) 10 a.m. - 4 p.m.

MUSEUM GIFT SHOP Golden Treasury of Memories AVIATION MEMORABILIA HATS. 1943 - 1993 BOOKS, FLAGS, MODELS, POSTERS, PHONE 339-8635 SWEATERS, SHIRTS, PINS, PATCHES AND MUCH, MUCH MORE!

THURSDAY 3 JUNE 1993

Sports & Recreation

Cpl Jordan and Pte Pelletier were

victorious at CF Regionals in

CFB Chilliwack and are on their

way to CF National at CFB

Sgt Peters and Cpl Arsenault

Esquimalt at CF National Broom-

al Hockey Championships.

MCpl Morrissey selected to

play for CISM Basketball Team

heading for Italy.So, as you can

see, 19 Wing has its share of good

athletes. Most of all the sports

Hopefully our Spring/Summer

Banquet will be as successful as

this one, but remember, you make

A final note to all who were

behind the scenes not only at the

banquet but each and every com-

petition or championship, you

made it happen. So, a big thanks

from the WPERO and Staff at 19

it happen. So just do it!!

should be fun as well as competi-

players!

Sports Awards Banquet

(not shown in pictures below) in-

for Broomball at the Provincial

Broomball Championships:

MCpl Gino MacLeod.

"Snakes."

(RCMP team)

Paul Laveleé.

-Most Valuable Player Award

-Wing Commander's Cup

-Most Points in a Season in

-Most ? Goalie Award: Cpl

CFB Totems Hockey team -

finished 3rd in Civilian Commer-

cial Hockey League; finished

2nd CF Regional Champion-

CFB Totems Volleyball Team

won Regionals at CFB Chil-

liwack; placed 4th at CF Nation-

al Championships at CFB St.

CFB Totems Broomball - won

CFB Totems Curling - won

CFB Totems Badminton - in-

Regionals and were skipped by at

dividual entries, MCpl Williams,

Regionals hosted by 19 Wing and

were undefeated.

CFB Chilliwack.

Honourable Mentions:

Inter-Section Hockey: D. Wyton

Champions 1993: 442 Sqn

To make this Fall/Winter Sports Schedule's end official, 19 Wing had the first semi-annual Sports Awards Banquet.

The evening's events started off with cocktails and words of wisdom from the Wing Commander's representative, LCol Van Boeshoten. Our Wing Food Services staff then provided a very tasty buffet of chicken and all the fixin's. The jocks and jockettes relocated from the dining hall back up to the Jr Ranks' lounge.

LCol Van Boeshoten handed the helm over to MC Jake Plante.

His jokes and hilarious antics made the presentations, (which are mostly dry, and drag on 'till the night's end), a gut buster. Our MC/comedian was applauded on numerous occasions and was encored not once, but twice, after all hardware left the stage. Some of Jake's major "beefs" were that "broomball" should be played in the parking lot because it's a waste of ice time and guys with bald heads shouldn't sit so close to the lights. Right Cpl Mc-Mahon (Erkel)?!

On a more serious note, some of the evening's presentations

The 24 May weekend was the

date of the club Spring Cruise,

Lage with Maria bringing up the rear, as usual. We all rafted to Fiddler where we enjoyed nibblies prepared by Irene with some

decided that the Copelands would

be a good jumping off point for

After exploring Refuge Cove,

Janet bought menthol cigarettes

by mistake, but any port in a

storm. We motor-sailed to the

Capelands. Ray was proudly an-

nouncing to the world what a fine

catch he had.La Lage and crew

were heading for Cassel Falls in

Teakerne Arm where Al relaxed

in the cool waters. We joined Fid-

dler in the Copelands where Ray

gave a demo to the other boaters

on sail anchoring practices. An

hour later we had the hook down

to stay, much to the relief of the

other skippers. We must have

made an impression as the rest of

the boats rowed out more ground

We had a quiet evening feed-

The next morning brought

ing the mosquitos. My ankles

seemed to be their favourite spot.

more great sunshine but again lit-

NEXT DEADLINE 21 JUNE - NOON

tackle.

of those oysters.

our sail home.

which went something like this: "Three boats took part; Maria with Janet and I on board, Ray and Irene Uhl on Fiddler, and Robin Kays (skipper) Rick Valdo the grand tour and headed up lentine and Al Buckham on the Waddington Channel. We had

club boat, La Lage. for Henry Bay on Friday, but after two knockdowns before we reached the green buoy, Janet declared she wasn't having fun so we turned and ran back into Quadra.

Saturday the sun was out! All three crews met down on the jetty around 0900. La Lage was first away as her crew was extremely anxious. Janet and I slipped our lines next with Fiddler close behind. The winds were out of the SE at 15 knots and we enjoyed a great reach over to Mystery Reef. However, as we rounded the buoy, the winds died. Ray and Irene, using the 4 knot rule, (ask Ray) reached the Copeland Islands about an hour and a half ahead of La Lage and Maria. They put the time to good use gathering oysters. We decided to press on to Melanie Cove of Prudeaux Haven. Fiddler arrived first and were joined first by La CFSA/CFB Comox tle wind, La Lage, which had spent the night in Refuge Cove

while the crew dined on pot roast, motored by as we were departing. After 6 hours of motor sailing (we The next morning was warm sailors will never admit to just and sunny but little wind. Janet motoring), we tied up at our slip and I headed for Refuge Cove to back at Quadra. restock. Ray and Irene decided to It turned out to be a great do some fishing around King weekend. Hopefully more boats Ham Island. La Lage decided to will participate on our next

Yacht Club

The club Open House was weather turned into glorious sun and temperatures climbed. A fresh breeze made for good sailing and a good turnout by members and newcomers alike made for a successful event. Many thanks to Fred and Barb Reed and Doug and Terry McElwee for the background work which made the

The keelboats must be moved from Quadra by 19 June. We should, however, have our "new" trailer sited this month. A cleanup work party will be held as soon as possible after the set up of

Maximum participation at the CFSA hot dog stand is requested. The 6 June festivities may bring a very large turnout so lots of volunteers will be required.

Have a great summer. Next General Meeting will be in Sep**Sports Awards**



Thursday Night Coed Volleyball Champs, "The Wrecking Crew," presented by "MC" Jake Plante to team rep Annette Hurtubise.



League President Intersection Hockey, Dave Tack, for all his devoted time to our league. Presented by LCol Van Boeshoten.



Intersection Hockey "B" Division Playoff Champs: "BArmt Rebels," presented by League President Dave Tack to Craig



Intersection Hockey League and "A" Division Playoff Champs, "The Wing Supply Selects," presented by League President Dave Tack. Accepting on behalf of the injured team captain, Gregg Carr.

Public Announcements

C.V. Amateur Radio Club

The Comox Valley Amateur Radio Club holds monthly meetings the fourth Thursday of every month at the Kin Hut in Courtenay. All amateurs and prospective amateurs are welcome. For more info contact Dave Grimshire, local 8484, or the club repeater VE7 RCV, 147.91/31

Library Hours

(Library is located in Bldg. 10 next to Accommodations) Monday 6 - 9 p.m.

11 a.m. - 1 p.m. Tuesday & 6 - 9 p.m. Wednesday 6-9 p.m. 11 a.m. - 1 p.m. Thursday

& 6 - 9 p.m. 11 a.m. - 1 p.m. Friday Saturday 1 - 4 p.m. Sunday 1 - 4 p.m.

Dependent Use of Base Gym Facilities

All dependants using the Base Gym facilities must produce their Dependants Pass in order to enter the gym. Dependants under the age of 12 must remain in the company of their guardian.

Take Off Pounds Sensibly

TOPS #BC3454, Lazo, meets every wendesday at the Base Rec Centre at 6:30 p.m. For information call Wendy at 339-9851 or Elaine at 338-1200.

Motion Commotion Aerobics & Step

Mon. Wed. Fri. 9:30 - 10:30 a.m. - AEROBICS

Tues. Thurs. 6:45 - 7:45 p.m.

In the Studio at the Base Gym. Dependents and Military welcome! For more info call Wendy at 339-5620.

WALLACE GARDENS COMMUNITY COUNCIL SPRING GARAGE SALE CFB COMOX PMQ AREA **5 JUNE 93** 9 A.M. - 2 P.M.

La St-Jean **Baptiste**

L'Association Francophone de la Vallée de Comox vous invite

BBQ et Feu de Joie Samedi 19 juin

Pavillon de la plage militaire Air Force Beach de 17h30 à 20h00. Des Hamburgers et des Hot-dogs sur le gril seront servis.

Prix Membres: Hamburgers 1.50\$, Hot-dogs 1.00\$.

Prix Non-Membres: Hamburgers 2.00\$, Hot-dogs 1.50\$. Boissons gazeuses: 1.00\$. Jus

pour enfants et café: Gratuit. Chips (BBQ, vinaigre et ordinaire): 75 cents. Au coucher du soleil (21h00), allumage du traditionnel feu de la St-Jean. Nombreux prix de présence. Nota: Les boissons alcoolisées consomées durant la fête devront être en cannettes Merci!

Groupe de soutien pour familles francophones centrer sur l'étude de la parole de Dieu. Rencontre tous les mercredi de 1900 - 2030. Pour information contacter Alain Dinel 339-6998

Aerobics

Co-Ed Aerobics are available at the Base Gym aerobic room Mon thru Fri 1130-1215 hrs. For further info contact Karen at local 8442 or Brenda at local 8295.

32nd CISM SHOOTING CHAMPIONSHIP

CTCHQ has been given authority to organize a team to compete in the subject championship in Oslo, Norway, 1-10 July 93. For further info contact Mil Sports loc. 8542/8783 by 4 June 93.

Base Bowling Lanes

Now open for Casual Bowling Sundays 1 - 4 p.m. & Fridays 6 -

Leagues: Youth Bowling Council - Saturdays at 10 a.m.

Mixed - Mondays, 6:45 - 9 p.m. & Wednesdays 6:30 - 9 p.m. Ladies - Tuesdays, 6:45 - 9 p.m. & Wednesdays 1 - 3:30 p.m. Intersection - Thursdays, 6:30 9:00 p.m.

For more information call Base Bowling Lanes at Loc. 8351 or contact the Rec Centre.

Reunion

137(T) FLT Langar U.K., 1952-57 for possible reunion. D.A. Smith, 2315 Esther Place, Victoria, B.C. V9B 2E5. G.P. Heinekey, 3684 McIvor Avenue, Victoria, B.C. V8P4E8

Bronze Cross Course Where: 19 Wing Comox Pool

When: Sat & Sun (3:30) Start Date: 5 June 93 Register: Rec Ctr 8542 or Shirley 338-9550

Pre-req: 14 Yrs. Bronze Medallion/Sr. RA.

Mini - Francophone (Parents et Enfants)

"Jeux, peinture, lecture, chansons, etc..." Rire assuré pour vos enfants. Venez-vous joindre à nous. Tous les lundi: de 9:00 a.m. à11:00 a.m. au centre communautaire (prés du Canex). C'est gratuit et c'est amusant. Pour plus d'information: Suzie Beaumont 339-1372. P.S. Nous serons fermé pendant la saison estival (juillet et août). Au plaisir de se revoir en septembre.

Personal Exercise Program

There is a PERI supervised PEP Program at the Rec Centre Mon to Fri from 0730 - 0830. All members who have failed their CF EXPRES Test and are on Remedial PT are encouraged to attend. Members will have half the gym to work out in. Also those who wish to improve their physical fitness are welcome to attend. For more info contact the Rec Centre, Loc 8315.

URGENT

Host families needed for visiting Japanese youth! 16 July to 14 August. Seventh summer in Comox Valley. For information phone: 338-5396 (school) 338-

NEXT DEADLINE 21 JUNE

BCYCNA BRITISH COLUMBIA AND YUKON COMMUNITY NEWSPAPERS ASSOCIATION

310

BLANKET CLASSIFIEDS

These ads appear in more than 100 community newspapers in B.C. and Yukon and reach more than 3 million readers. TO PLACE AN AD CALL THIS PAPER OR BCYCNA AT (604) 669-9222.

\$195 for 25 words

\$3.70 each additional word

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On & Off the Base



BRANCH 17 COURTENAY 334-4322

ENTERTAINMENT

Fri 04 June	Music by Party Mix
Fri 11 June	Music by El Dorado
Fri 18 June	Music by Tony Paulin
Fri 25 June	Music by Shaboom

REGULAR ACTIVITIES

BINGOSThursdays, Fridays & Sundays at 7:00 PM
MONDAYFUN EUCHRE
TUESDAYPUB DARTS
WEDNESDAYFUN CRIB
THURSDAYFUN DARTS
FRIDAYTGIF & MONEY DRAW AT 5:30 - 7:30 PM
SATURDAYFUN BRIDGE AT 11:00 AM

EVENTS

Saturday 05 JuneSteak Bar	rbecue, 5-6:30 PM
Sunday 13 JuneLA Appreciati	ion Lunch, 1:00 PM
Sunday 20 JuneFather's Day Stea	k BBQ, 4-5:30 PM

SPORTS

18, 19 & 20 June	Fishing Derby, \$8.00/ticke
Carlotte and the second second	Contact Legion for details
Sunday 27 June	Crit

"MORE PLAYERS WELCOME" Phone 334-4322 (days) for more information

NOW OPEN SUNDAYS......12 - 7 PM

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BRANCH 160 COMOX 339-2022

ENTERTAINMENT

Fri 04 June	Music by Eldorado
Fri 11 June	Music by Highway 19
Fri 18 June	Music by Westwind
Fri 25 June	Music by Alleycats

REGULAR ACTIVITIES

MONDAYS.....L.A. Drop-In Bingo, Upper Hall, 7:00 PM

..Lounge Hours 12:00 Noon to 7:00 PM

Men's Dart League, Recessed until 13 Sept 93

TUESDAYSLadies Crib League, Lounge, 7:30 PM
Mixed Dart League, Upper Hall, Recessed until 7 Sept 93
WEDNESDAYSNavy League Drop-In Bingo
Upper Hall. 7:00 PM
Comox Valley Men's Crib League, Recessed until Sept '93
THURSDAYS*1st Branch Exec. Mtg. Upper Hall, 8:00 PM
L.A. Executive Meeting (as required)
*2nd L.A. General Meeting, Upper Hall. 8:00 PM
*3rd Branch General Meeting, Upper Hall. 8:00 PM
FRIDAYS TGIF in Lounge
Meat Draws in Lounge, 3:00 to 6:00 PM
Dance (normally downstairs unless advised)
SATURDAYSMeat Draws in Lounge, 3:00 to 6:00 PM

EVENTS

プロック・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク・ク·

..Father's Day, afternoon music in the Lounge by Doug MacLean

Just For Today

Employee Assistance Programme

Just for today I will live only these precious 24 hours, I will focus on now. I needn't contemplate the entire tapestry of my life, I need only consider how I shall weave the pattern of today with the thread of minutes and hours that is mine.

I will cherish the day as if it were my last. Today is yesterday's much-anticipated "some day" - tomorrow's longedfor "back when." I will hug this treasure of today to my chest, and regard the wonder of it with the same joy I behold a newborn. This day is new, and so am I.

Today I will not relive the past. I may look back, but I will not stare. I cannot live yester-year's glories, nor can I erase yesterday's mistakes. In

retrospect, I see how each event, joyful or sad, has led me to becoming who I am today. I will view my life as a journey, and gain perspective. I will not regret the past, but learn from it.

Today I will not agonize or

worry about the future. Worrying is a waste of time. How many people, long since gone, worried that the Civil War would come? It came anyway. How many people have abandoned their businesses and homes to stand on a hill awaiting the end of the world? It hasn't happened yet. Tomorrow comes, for good or bad, despite the time I squander in anticipation. I will plan for tomorrow, live for today.

If my waking hours are spent recalling the past or anticipating

the future, I am throwing away life's most precious gift: today. As such, I am throwing away life itself. For these 24 hours, I will give the day its due; I will start over tomorrow.

Today is my opportunity to start afresh. I am not responsible for yesterday or tomorrow. I am only responsible for today, and how I choose to live it. I will be

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More Trivia

raise the necessary finances for the purchase of all four aircraft, an amalgamation of six forest industries was formed. Its title was "Forest Industries Flying Tankers."

The first of the Mars reached Victoria in August 1959. Ferry Aviation Company brought the aircraft up to DOT standards and also carried out the conversion to water bomber configuration. They installed water intakes and dumping doors. Intakes consisted of tubular probes which scooped up water while the Mars was in the planing mode. Four side doors were incorporated into the fuselage for dumping.

The first conversion went on its trial run in March 1960. It scooped up 6,000 gallons of water in 15 seconds! Skillful flying and daring were the requirements for pilots in fighting forest fires. For

fleet. During their tenure with the fleet the Mars carried out several record flights. Caroline Mars flew non-stop from Honolulu to Chicago with a 14,500 lb. payload. On a flight between San Diego and the Alameda Navy Air Station, Marshall Mars carried 301 passengers and seven crew. Another was in the airlifting of

68,260 lbs. of freight from

Patuxent River, Maryland to Cleveland, Ohio. In 1956 the four Mars were retired and sold to an enterprise called the Mars Metal Corporation. Sometime later a B.C. pilot, D.E. McIvor, heard that the flying boats were up for sale. Recognising the potential use and service they could be put to, he suggested to his company that they purchase the Mars and convert them to continued from page 5

maximum effect, water had to be iettisoned at altitudes of 150 - 200 feet. Of the four aircraft owned by F.I.F. Tankers, one CF-LYJ was lost in a crash in June 1961, while another CF-LYM was wrecked by a storm at Victoria in 1962. The remaining two Mars, CF-LYK and CF-LYL were in service until 1978.

The Mars was considered a mammoth at the time of its emergence in 1942, and rightly so when we consider its specifications:

Wing span - 200 ft. Length - 120 ft. Power - 4 x 2500 HP Wright Cyclones

Max. speed - 230 mph

Cruise speed - 175 mph

All up weight - 162,000 lbs

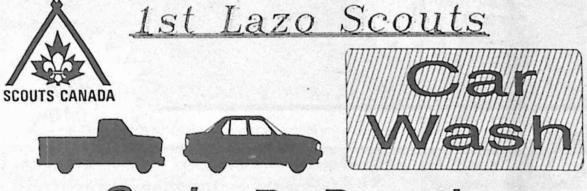
Fuel load - 11,000 gallons. Sincerely,

John Novak

NEXT DEADLINE 21 JUNE 1993 - NOON

water bombers. The head of his

company agreed and, in order to



Cost: By Donation

Date: 19 June 1993 (10am - 3pm) Location: Base Auto Hobby Club

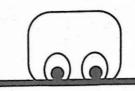
BBQ with Hot dogs, Concession:

Hamburgers, Drinks

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at SUMMER '93



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1:00 - 4:00 pm 8 - 14 yrs.

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family member

9:00 - noon

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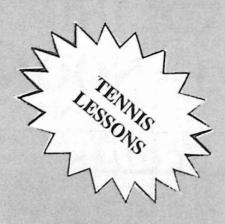
AUGUST 16 - 20

8:30 - 11:30 am Gr. 5 - 7 12:00 - 3:00 pm Gr. 2 - 4 6:00 - 9:00 pm Gr. 8 - 11

CAMP FEATURES:

- · Fabulous T-Shirt A Black's group
- photo Basketball
- Newsletters (tips & info)
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On & Off the Base

Them Downhomers



WO & Sgt's Mess JUNE 1993 Calendar

339-3911-

Friday 4 June	Posting Party/TGIF, DJ, Steak BBQ
Friday II June	TGIF, Hot Wings
Tuesday 15 June	Golf Day
Friday 18 June	TGIF, BBQ Ribs
Friday 25 June	TGIF, Steaks & Corn on the Cob
allowani in the court of the	FRP's dining in WO's & Sgt's Mess

OFFICERS' MESS JUNE 1993 CALENDAR

Friday 4 June	TGIF, Submarine Sandwiches
Friday 11 June	TGIF, BBQ Ribs and Rice
	Farewell BBQ, DJ Music
The second second	\$20.00 per couple, \$30.00 per guest couple
Friday 18 June	TGIF, Chicken N Chips
	TGIF, Chili Dogs & Natcho Chips
	Mess Golf Tournament, Glacier Greens
	GGGC members \$7.00 Non-members \$17.00

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Down Home Music

On track are Them Downhomers. The Lathigees have been busy laying down solid tracks, entertaining and recording Old Tyme Atlantic Music on home territory, beautiful Vancouver Island, British Columbia.

They are appearing again this summer at The Filberg Festival (1993) by opening the entertainment on Friday, 30 July at 12:00 noon. So mark your calendars 'cause you'll hear some fancy "squeeze box-box talk" by Damian Lathigee performing his own unique style of Maritime

Recording tracks came naturally to them, scheduling the release of Volume 3 called Downhome Tradition. This album gives their listeners a varied collection of tunes like the Jessica Polka, The Blue Canadian Rockies sung by Phylomena, and Maple Sugar, a mandolin solo by

on 7 May 1945.

at local schools.

Battle of Atlantic Commemorated

Royal Canadian Legion Branch 160 Naval Veterans Phil Redman,

George Whitehead and Gearge Plank, accompanied by President

G.A. (Joe) Terris, Ist Vice D.G. (Sam) Dunn and branch member

Lloyd Lohnes lay a wreath at the Town Cenotaph to commemorate

the Battle of the Atlantic which commenced on 3 Sept 1939 and ended

Environment Week

National Defence has adopted a new environmental logo (above).

is to be launched during National Environmental Awareness Week, 5 - 12 June. The logo's rising sun, green leaf, and blue waves symbolize the air

force, army, and navy. Environment Week originates with a private

member's bill introduced to parliament in 1970 by Tom Goode, a member

from British Columbia. The bill quickly gained grassroots support and

was given Royal Assent in March 1971. Canada's Environment Week

coincides with World Environment Day on 5 June, as proclaimed by the

UN in 1972. At DND, Canada's second-largest land holder, this year's theme is "stewardship" - the commitment to build environmental concerns into everything we do. Activities at bases and stations across the country

may include nature walks, environmental awareness talks, and art contests

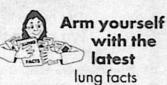
In addition, Damian keeps busy developing his own compositions and has a growing catalogue of original tunes to his

Now retired five years from cranking wrenches, the ex-442 Search & Rescue helicopter technician says, "I miss my military career, but squeezing my tunes keeps me on track and now I have a new career. These days I just don't find enough time in the day to play my music."

Them Downhomers will start a two-month tour in June, taking them to the Kimberly International Old Time Accordian Championships, and will be performing at places in between.

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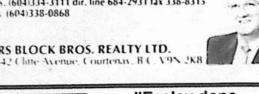
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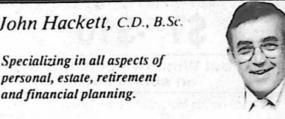
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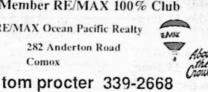
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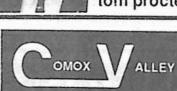
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Association Francophone Questionnaire

Ce questionnaire s'adresse à vous si vous avez des enfants d'âge pré-scolaire et que vous aimeriez une éducation préscolaire en français dans la Vallée de Comox.

L'A.P.F.C.B. (l'association des parents francophones de la C.-B.) en collaboration avec l'-Association francophone de la Vallée de Comox étudient présentement la possibilité de mettre sur pied un programme pré-matemelle en français pour les enfants de 3 à 5 ans.

Ce questionnaire nous aidera à faire l'inventaire des personnes intéressées et nous permettra de vous contacter pour une rencontre d'information sous peu.

1. Avez-vous des enfants d'âge pré-scolaire? Nom, âge, date de naissance?

2. Voyez-vous l'importance d'envoyer vos enfants dans un programme pré-scolaire en français?

Pourquoi?

3. Quel genre de programme favorisez-vous? pré-matemelle:

ing for a pre-school teacher, cer-

tified by the Early Childhood

Education Program for a French

Pre-School starting this Septem-

ber. This position requires a per-

son whose mother tongue is

French. Please contact the Fran-

cophone Association, between 1

and 4 p.m. Tuesday to Thursday.

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3 demi-journées _____ 2 demi-journées ____ rencontres hebdomadaire parents-enfants en français

On & Off the Base

4. Quel quartier de Comox-Courtenay semblerait approprié? ____

5. Connaissez-vous un local disponible à cet effet?

6. Seriez-vous prêt à vous impliquer pour aider à démarrer le projet?

7. Connaissez vous d'autres francophones qui ne sont pas inscrits au programme-cadre et qui seraient intéressés? Noms, # d'opération: mardi, mercredi et jeudi de 13h00 à 16h00. Tél: 339-3990.

VOR 2KO

Merci de votre collaboration.

Vous pouvez retourner le

questionnaire à l'Association

francophone de la Vallée de

Comox, C.P. 295, Lazo, C.-B.

Centre Communautaire de la

base (à côté du Canex), heures

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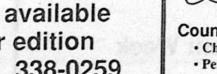
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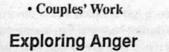
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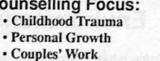


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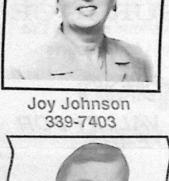


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