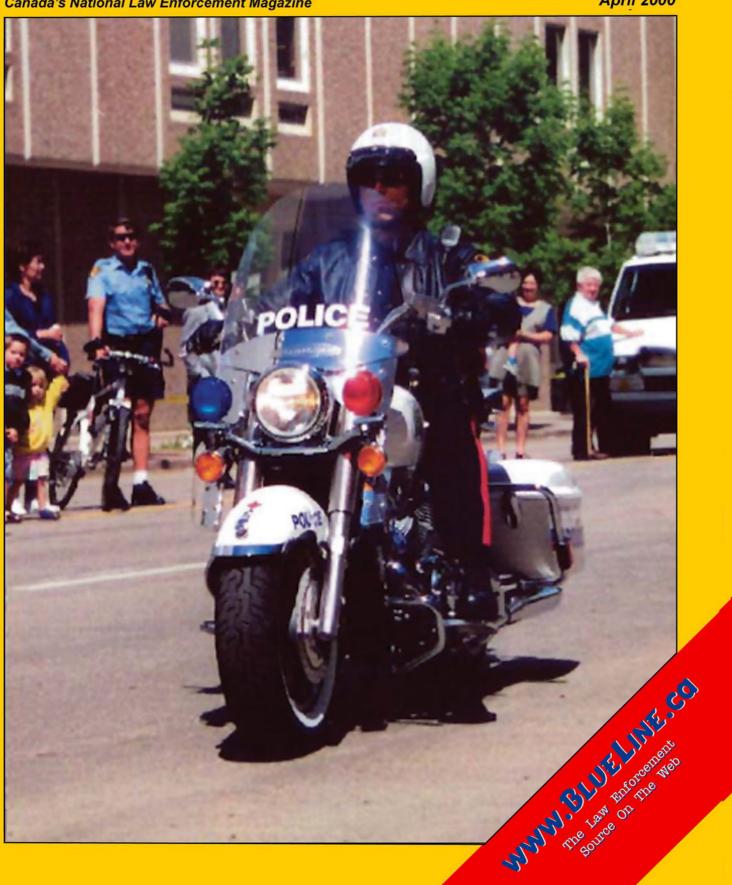


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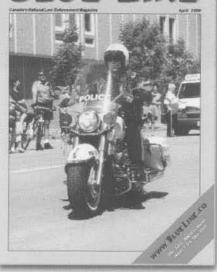
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BLUE LINE



Now this is a real head-turner. The Saskatoon Police Service last year acquired two new Yamaha dressed motorcycles to add to their fleet. The new police special package consists of a motorcycle styling reminiscent of the Harley Davidson but with considerable cost savings. You will be able to see this remarkable bike at Response 2000.

Saskatoon is also the focus of an article on page 15 in a submission by Shelly Ballard McKinley presenting highlights of the Women in Policing Conference being held in that city

from October 2 to 4.

As if this were not enough the Publishers Commentary this month was inspired by recent news events coming out of Saskatoon.

Also this month you will read about an innovative program from the York Regional Police regarding Forensic Archeology.

The real big news, however, can be found on page 24 as you will find out all the details for Canada's national law enforcement trade show - Response 2000.

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Publisher's Commentary



Making bad rules work

by Morley Lymburner

What institution is the greatest group in the world for making bad rules work... Yup! The police.

If you ordered a police officer into the middle of a sewing circle with a needle and thread the result would be blood stained and ugly, but the job would get done.

Many people, politicians included, get the idea that this is what cops are for. They simply make things work so they don't have to face

the problem or change bad rules.

Case in point. In Ontario, back in the early to mid 70's, parking tickets and summonses were handled in a rather makeshift fashion. When an officer was expected to give evidence in cases where the accused did not show up in court the Justice of the Peace would usually give the officer a hand full of tickets and have him swear that everything written on the face was true. He would then convict large quantities of people at once. Investigations later brought officers under charges of perjury and JP's charged with obstruction of justice.

These were all good officers and good JP's who simply decided to take upon themselves the responsibility to "bend the rules" to accommodate changing times and legislative inadequacies. After they had all been sacrificed at the alter called "justice" someone decided that it was time to look at these procedures with a view toward stream lining the process. The result? You guessed it. They decided to enshrine in legislation (more or less) what had been hap-

pening illegally before.

Similar scenarios are repeated all over Canada in varying degrees and circumstances. If a bad rule exists, or one does not exist, cops are just the people who will step into the breech and make it work. This also works well for legislators and politicians because it is always easier to sacrifice a lowly cop to deflect accusations of neglect, incompetence and irresponsibility. Displaying ignorance, showing concern, and looking for a fall guy is the politicians trademark.

The incoming Chief of the Toronto Police Service, Julian Fantino, in answer to questions of lawlessness last month stated, "the problem is we would just be dealing with the symptoms... We can lock up people galore, we can fill the jails... but is that really problem solving?... My question as a professional police officer is where's everyone else? Is everyone else doing what they're supposed to do to bring about the significant change necessary to turn these situations around, to truly make a difference. To truly problem-solve?"

Recent events in the news regarding the Saskatoon Police provides an excellent opportunity for that community, and especially that province, to come to terms with social problems that go to the very fabric of society. How to deal equitably with the weakest and the disenfranchised of society. The witch-hunt mentality of the past must be done away with completely. It is counterproductive and wasteful of resources that could be otherwise brought to

bear on real problems.

The police mandate is to prevent crimes and apprehend those who can not be dissuaded from their errant ways. However there is a broad range of services that go far beyond the police mandate that many officers perform because there is no other 24-hour agency able or willing to do it. Calling police in to perform these tasks on a permanent basis erodes the basic tenets of policing and ultimately makes a negative impact on the police ability to perform its main job.

Officers must be confident that all their du-

ties must improve a situation from the condition in which it is found with the hope of its long term success. If corners have to be cut to accommodate a situation then further steps must be taken to ensure other agencies and services are made aware of the gap that exists. Guidance and assistance must be promised but politicians must be informed forcefully that a solution must be found. If no action is taken then it is clear that this is a condition the community and its politicians wish to tolerate. Thereafter the police should act with the same tolerance.



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York Regional Police Archaeological | Forensic Recovery Team

In 1981, York Regional Police Constable, Gregory Olson, commenced a night school course through the Continuing Education Program of the Wilfred Laurier University with the expectation of obtaining a Bachelor of Arts in Sociology, During the summer

of 1991, he attended the University Field School outside of Orillia where he completed a six week archaeology/anthropology course and assisted in excavating a Huron Village at this site. The methodology applied in an archaeological style search intrigued him.

The officer returned the following year where he was invited to conduct a directed study at this historic site. The more involved he became in archaeology, the more convinced he became that the type of search employed could be applied successfully to a crime scene.

In August of 1996, the skeletal remains of a 15 year-old female murder victim, later identified as Julie Ann Stanton was discovered in a wooded area near Lindsay. The University Field School was asked to assist the Ontario Provincial Police and members of the Durham Regional Police in recovering these remains. After four days of utilizing an archaeological grid style search, a substantial amount of remains was recovered by members of the university. Detective Olson was amongst the University Field School members who attended this search scene and the tremendous results obtained in that effort prompted him to approach the management of the York Regional Police. Olson recommended the formation of a unit within the police agency based on the ideology of anthropology and archaeology and members trained in the discipline of a proper grid search. This is necessary because far too often, important evidence was being contaminated or even missed by improper searches or when performed by inexperienced officers and civilians.

To address these concerns Olsen advised that a small team be set up and trained in the location, identification and recovery of human remains and items of evidentiary value. The idea of this team was not to take the place of a forensic anthropologist or forensic archaeolo-

Chaing in anthro

gist but to act as a support unit of specialized officers, educated in the evidentiary chain and the legal system to assist when required.

The management of the York Regional Police recognized the value of such a team as a significant step towards addressing concerns cited in the Kauffman Report and also as a vision toward the future. The ability to have a small, well trained team of officers able to respond instantly to a crime scene where a systematic ground-grid search was required would be a giant step towards modernizing policing methods with science and scientific methodology.

The Archaeological/Forensic Recovery Team has now been in existence with the York Regional Police for the past several years. Presently it consists of a Staff Sergeant and three Constables and the team operates on an "oncall" basis.

Each member has attended the Wilfrid Laurier University Field School in Orillia where they were given a one-week short course in archaeology, anthropology setting

> grid, horizontal and vertical mapping, excavation methods, proper use of a transit, recovery of artifacts and subsequent cataloguing.

Subsequently each member moved on to the next phase of training at the Mercyhurst College in Erie, Pennsylvania where they took an intensive seven day Anthropological Short Course. This course covered a variety of topics, such as osteology, anthropology, archaeology, the location, identification and removal of human remains, DNA evidence, entomology and the proper collection of entomological samples. The candidates on this course were required to locate a shallow grave and were taught the proper method of excavating the grave without destroying crucial evidence. Additionally the Officer-in-Charge of the team has taken advanced train-

Charge of the team has taken advanced training in osteology along with further courses in anthropology, entomology and archaeology.

Since its inception the team has participated in a number of crime scenes both within York Region and outside the area and have achieved highly successful results. On September 11th

1996, the lifeless body of a known mafia figure was located in the trunk of his vehicle in the City of Vaughan. The deceased suffered a number of .22 calibre gunshot wounds to the head from what appeared to be point blank range. As a result of an investigation launched by the York Regional Police Homicide Squad, a barn located nearby was identified as the

murder site.

The barn was secured sometime after this information was discovered and members of the Archaeological/Forensic Recovery Team were called to attend. The area within the barn was filthy and to organize a grid search became a daunting task for team members, The task was monumental. However, the search was conducted over a four day period and on the final day of the search, .22 calibre rounds and spent casings were recovered.

In a similar case, on April 8th 1996, the body of a missing York Region resident was discovered in a wooded area in the north end of Richmond Hill. The male had suffered two gunshot wounds to the head and appeared to have been transported to the scene by the suspects following the murder and the body discarded. The members of the Archaeological/Forensic Recovery Team attended and a systematic ground grid search was conducted. On the second day of the search, two spent '45 calibre casings were located near the body.

With this evidence located, it was beginning to appear that this was in fact the murder site, but there was still not enough evidence to confirm that. The team members then began to



apply archaeological techniques to the search area immediately surrounding the deceased. The sod was removed and the soil was trowelled and screened painstakingly. As a result of utilizing this method, a pristine .45 calibre round was located in the soil approximately five inches below where the deceased had been situated. The finding of this important piece of evidence confirmed this to be the murder site and would have been missed had this method not been applied. The 45 calibre casings and round were matched to a weapon previously recovered and was instrumental in determining the identity of the suspect.

The "Dig Team", as it is commonly referred to, has certainly proven its worth on crime scenes both within York Region and other jurisdictions and welcome inquiries from outside agencies.

The York Regional Police is hosting an Anthropological Short Course from the 5th to the 8th of September 2000 and will demonstrate the principles of Forensic Anthropology, Forensic archaeology Forensic Botany, and Forensic Entomology. It will show how these principles are used to positively identify human remains, to determine when the body was discarded, and what evidence may be obtained from the application of these methodologies. The theories and methodologies employed in the examination of human skeletal remains are used to determine such identifying traits as racial affinity, sexual morphology, stature, chronological age at the time of death, clapsed time since death, socioeconomic status etc. and are examined both during lectures and in the field.

S/Sgt. Greg Olson will be a presenter at the Response Symposium April 19, 1-4 PM. Call (905) 640-3048 to pre-register.

If you have inquiries with reference to the Team itself or desire further information on the Short Course, contact; York Regional Police S/Sgt. Greg Olson at 905 830-0303 Ext 7903,



A LOOK BACK BLUE LINE NEWS WEEK

October 12, 1995

YANCOUVER (CP) - A pair of blood stained jeans made legal history Monday at the opening of a murder trial that will include DNA evidence obtained under a new federal law.

Prosecutor Joe Bellows, in an opening address to a jury trying Jason Good in the stabbing death of Denny MacDonald, said RCMP Cpl. Stuart McDonald used the new law to obtain a warrant to seize a blood sample from Good.

The resulting sample, together with the bloodstained jeans found at the crime scene, were sent to an RCMP forensic laboratory for a DNA comparison.

"I anticipate you will have evidence before you that the bloodstain found on the inside of the blue jeans pocket is, in fact, the blood of this accused, Jason Good," Bellows told the B.C. Supreme Court jury. The procedure known as DNA typing, or genetic fingerprinting, is based on the fact the DNA molecule, contained in human chromosomes, is unique to each individual.

The DNA can be isolated from human material such as blood, hair, semen, saliva and vaginal fluid.

Good, 24, has pleaded not guilty to second-degree murder in the slaying of Macdonald, 48, whose body was found Sept. 13, 1992, in the bedroom of his Richmond apartment.

Bellows said the Crown intends to show that Macdonald confronted Good during a burglary and was slain during the ensuing struggle.

The law under which the RCMP obtained the blood sample was proclaimed July 13, 1995.





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Mental management and the police firearms instructor

by Mark Ruffolo

This article is directed mainly to police firearms instructors, however the information found here can be applied to an individual shooter who is also seeking to improve their own shooting ability. The principles listed in this article are not new. They are mainly based on the ideas of Olympic/World smallbore rifle champion Lanny Basham, Mr Basham refined the concept of mental management in the competitive shooting disciplines which allowed him to become an Olympic and World champion in these events. Some of his principles have been adapted here for the firearms instructor.

The most important factor for police shootings is that the shot that is fired MUST hit it's intended target. The stakes that are involved are not merely a gold vs. a silver medal but rather the survival of a human being. It must be understood that most police shootings are usually unexpected and short in duration. A general lack of training and poor shooting habits leaves the level of combat marksmanship very low, thereby lowering the chances of surviving a lethal force confrontation.



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One of the factors to consider is weapon size and calibre. In Ontario, a common choice has been a short barrelled Glock or Beretta pistol in the 40 S&W calibre. This combination is typical of police firearms currently issued in Ontario. As a police bullet the 40 S&W round is an excellent calibre, however, when it actually comes down to firing a round, the recoil can cause a shooter to develop a "recoil anticipation" problem, also know as a "flinch".

In order to understand recoil anticipation we need to look at the dynamics of a flinch. While the shooter is "stroking" or "pressing" the trigger rearward, his/her brain is quickly realizing that the gun is about to go off and that the muzzle will kick upwards. The brain then causes the shooters hand to jerk the gun down as it fires in an attempt to counteract the upward muzzle movement. This is usually exacerbated by guns that have more muzzle blast and recoil. A seasoned shooter once told me that while hunting in the U.S.A. (where handgun hunting is allowed in certain areas), he had the opportunity to fire a .454 Casull, an extremely powerful handgun. The result being that it only required one shot to give him a flinch for a month. What caused this? Very simply, the brain making a conscious decision to react to a stimulus.

Now that we have a basic understanding of the flinch, we need to understand how the brain reacts to this stimulus. Our brain works on two levels, the conscious and the subconscious mind. The conscious mind is capable of working on only one task at any given time. A simple way to test this is to try the following: pick three topics and try to think of them at the same time. If you analyse it, you will find that you will move from subject to subject quickly versus thinking of all three at the same time. The subconscious mind on the other hand is capable of performing a multitude of tasks all at the same time. An example of this is our bodily functions. We are able to breath, swallow, blink and have our hearts beat without having to consciously think about it.

So how can we apply this to recoil control? The way to prevent the brain from causing the hand to flinch is to "occupy the conscious mind". This is done during the trigger's rearward movement. If our conscious mind is "busy", then it is not able to anticipate the shot going off. This in effect cancels the brain's reaction to the shot being fired and allows the shooter to get the round off without a flinch.

A simple technique that both a shooter or coach can use is the repetition of a "buzz" word during the firing sequence. For example: sight, sight, or stroke, stroke, stroke, etc. If a word is being repeated in the conscious mind then it is effectively

kept "busy". Occasionally the flinch will creep back into play again. As a shooter or coach, you will have to immediately ask the following question: "What was going through your mind when you fired?" Most often the shooter will say "I was thinking about the gun going off". You should then reinforce the "occupy the conscious mind" concept.

As instructors, we must also remember other traditional teaching techniques. For example: dry-firing and the ball and dummy drill (dummy rounds mixed with live rounds). These techniques when combined with the mental management concepts, dramatically increase the probability of the shooter succeeding. They also serve to see if the shooter is in fact flinching when an unexpected "click" comes up.

Finally, the concept of "feast and forget" also helps. In other words, the goal being to try and get the shooter to "feast" on the good shots and "forget" about the bad ones. The problem occurs when a shooter acknowledges a pulled shot, usually by shaking his/her head. As a coach or shooter you have probably seen or done this yourself. The only thing one can accomplish by doing this, is to reinforce making bad shots, increasing the probability of it happening again. Conversely, if the shooter focuses on their good shots, there is a strong probability that they will continue to repeat those good shots.

In conclusion, these techniques are not a cure to the "flinch" problem, nor are they intended to replace any other coaching style. They are merely another tool for the instructor to use in helping a shooter deal with this problem.

Mark Ruffolo is a competitive shooter and past member of the Canada Bisley Rifle Team. He is currently a firearms instructor with the York Regional Police and is always seeking new ways to assist in coaching shooters. Mark can be reached at 905-773-1222 ext 7465.



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Criminal justice professionals are feeling the need to upgrade their education to a university degree in order to advance their careers. But like most people, many cannot afford to leave full-time employment in order to study.

Athabasca University's Bachelor of Professional Arts in Criminal Justice (BPA-CJ) degree may be the answer. Offered through distance education, the self-paced BPA-CJ degree builds on the professional's college diploma, knowledge, and skills. The degree can be completed entirely through home-study without leaving a job and sacrificing employment income. In some centres, classroom courses are also offered.

Developed to help individuals working in the areas of policing, correctional services, and security administration enhance their careers, the program offers a balance of theory and practical application.

"The criminal justice degree program is a unique hybrid of the theoretical and the practical," says AU instructor Nand Narine, Manager of Collections, Government of Alberta. "Students receive instruction from professionals working in the criminal justice system and course content is up-to-date and relevant. Students are provided with the knowledge necessary to meet the modern challenges of law enforcement."

A recent program graduate now working as a city police officer says, "Athabasca University's program was a perfect match for my

April 2000

two-year police and security diploma. The courses gave me a whole new perspective on the legal system and provided me with knowledge not covered in my diploma program."

When Crystal Aitken was searching for a degree program specializing in criminal justice studies, she found exactly what she was looking for at Athabasca University. "AU's program is geared toward developing specific skills applicable to careers in criminal justice," says Crystal, who applied credits from a two-year college diploma in

criminal justice toward her degree. "No other institution in western Canada offered such a specialized degree."

The BPA-CJ offers advanced education in areas such as community policing, white collar crime, civil liberties, the Canadian legal system, the sociology of crime, and special needs policing. The program also builds practical administrative skills by offering courses in accounting, organizational leadership, research methods and administrative principles.

"Never before has there been a greater need for criminal justice professionals with the kind of broad perspective this university program

Athabasca Liniversity A.

provides," says Edmonton Police Services Superintendent, Keith Duggan after the reviewing the BPA-CJ program requirements. "What we need today are criminal justice professionals whose knowledge of the law is complemented by an understanding of the needs of the people and communities who are served by the law."

Betty Eaton is currently pursuing a criminal justice degree from Athabasca University. She has a correctional services diploma and her ultimate goal is to work in law enforcement either as a police officer or in probation or parole. Betty chose Athabasca University's BPA-CJ because the option of home-study makes going to university and working full-time a realistic possibility.

"Home-study requires self-discipline," she says, "But the flexibility far out-weighs the extra challenge. Athabasca University is making it possible for me to get where I want to go."

To be eligible, students must have completed a recognized two-year diploma in a criminal justice-related field. The BPA-CJ is comprised of 60 university credits in criminal justice, administration, and arts. These credits are combined with 60 transfer credits from a diploma program to total the 120 course credits necessary for the BPA-CJ degree. Athabasca University also helps students with years of work experience by offering Prior Learning Assessment so that they may receive additional credits based on prior training and work experience.

The built-in flexibility of home-study makes this degree program ideal for working professionals seeking to advance their careers by completing the full degree program or by taking single core courses for professional development. Most courses can be started anytime. Students set their own study schedules and pace, and have the one-to-one assistance of an expert tutor throughout each course.

Many employers offer financial assistance and/or short-term leaves to help employees in their professional development efforts.

Contact the Athabasca University Information Centre for more information - call 1-800-788-9041 or send an e-mail auinfo@athabascau.ca.



Online sleuthing helps 'Net computer, commercial crooks

by Edwin Chan



John Pyrik is one of North America's newest breed of investigator, a Cyber Sleuth.

His job is tapping the deepest reaches of the Internet to help track down fraudsters, stock cheats or witnesses.

If the information is on the Internet, the veteran securities investigator will find it - just as he's successfully done with many cases where the Internet has turned up details that broke an investigative log-jam.

For one recent case he turned to what he calls the invisible Internet - the dark back alleys not reached by search engines - to check up on a mining promoter banned from stock trading. There Pyrik found faint Internet footprints alerting him to the promoter's next dubious venture.

"Trouble is, many investigators usually make only superficial use of the Internet," says Pyrik, who developed the Internet for Investigators course at the British Columbia Institute of Technology near Vancouver.

That online course (http://nobel.scas.bcit.ca/forensic) continues through April with more than 30 investigators signed up from across Canada and as far away as California and New York.

It's designed specifically for police officers, detectives and other investigators who want to learn how to mine the Internet for its treasure-trove of information. Pyrik and the school believe their course is the first comprehensive offering specially for investigators.

"The Internet is unfamiliar territory for a lot of investigators. They're used to old-fashioned paper research, footwork and interviewing witnesses," says Pyrik. Those techniques are still invaluable - but now they're only part of an investigator's toolbox, which can really get a huge boost from the Internet."

Pyrik has heard all the knocks against the Internet, many from other investigators, whom he says just ripple the surface of cyberspace.

It takes forever to unearth what you need, they complain, if you can at all. Search engines churn up useless junk. It's a waste of time, say other detractors - only good for researching high school homework, if that.

Not so, counters Pyrik, who argues that poor search skills and limited Internet experience are keeping investigators from taking full advantage of online sleuthing.

"One of the greatest research tools ever is right at our desktops," says Pyrik, a former intelligence officer with the Canadian government. "It's how you use it that's key. It's how you find, sift and make sense of the information."

Now Pyrik and the British Columbia Institute of Technology have turned their expertise to training detectives, police officers and securities inves-

tigators in the classroom and online.

A smattering of investigators use the Internet extensively, but they've typically learned their skills on their own, though time-consuming hit-and-miss experimenting. No more: the technology school's Internet for Investigators course gives extensive hands-on training for police and other investigators to dive deep into the Internet, which by one account covers a billion pages of content,

Interest from around North America prompted Pyrik and the technology school to make the course available through the Internet. Cost is roughly US\$310

And while there are other generic Internet courses available online, Pyrik and the technology school believe theirs is the first to offer a comprehensive course geared especially to investigators.

Joining Pyrik on the course are four co-instructors, each one an expert in a specialized field: Carol Williams, a corporate librarian; Dennis Paulley, the British Columbia Securities Commission's designated "cybersurfer" investigator; Dave Inglis, an analyst for law enforcement: and Jim Maitland, a former Vancouver police detective.

Edwin Chan, is Program Head at the British Columbia Institute of Technology Forensic Science Technology You may obtain further information by calling (604)451-7178. E-mail: echan@bcit.ca

BLUE LINE MAGAZINE



In the line of duty

Cst. Isobel Anderson has turned personal misfortune into a fight for the rights of all emergency workers

by Anna Nicolle

Reprinted with permission from The Ottawa Citizen

Isobel Anderson got great news a year ago; she isn't HIVpositive.

"I'm the cleanest person in the country," she smiles. But the 41-year-old police constable lived in doubt and pain for months before doctors fi-

nally ruled out HIV. Now, she's fighting for changes to the legal system so other police officers and emergency services workers won't suffer the way she did.

Her nightmarish experience began when she arrested a man for armed robbery in October 1997. While searching for weapons, she reached into his pocket and felt a stab of pain. She pulled her hand out to find a bloody needle stuck in her.

"My first thought was 'God, I have AIDS," recalls Anderson, a mother of three. "Then, I thought, 'With treatment at least I'll live for 10 years and my youngest will be 21."

As she feared, doctors told her the needle



may have infected her with HIV. She was advised that if she started treatment with the anti-HIV medication AZT within two hours of being jabbed she might not contract the virus.

Then she learned the robbery suspect refused to take the HIV test and could not be compelled by law to give a blood sample.

Hours later, the man agreed to be tested, but only after another police officer offered to buy him a hamburger. He tested negative for HIV but positive for hepatitis C.

Despite his negative test result, Anderson says the doctors still gave her AZT immediately in case the result was a "false negative." Both HIV and hepatitis C can take a long time to develop or "incubate." She continued taking AZT for three days until her initial HIV test results came back negative. Then, after consulting with her doctor, she decided not to continue using the drug.

The side effects from her treatment were "life-changing," she says. The AZT side effects - hives, hair loss and chronic pain - lasted three weeks.

"I didn't know how I made it. I didn't even have the strength to get out of a chair to vomit," she says.

After that, Anderson had to be tested for hepatitis C. Although her preliminary test results were negative, she was tested every few months for the next year. She says she didn't know for sure that she was clean until she waited out the six-month incubation period for HIV.

Anderson's final test for hepatitis C was last year. The result was negative.

Anderson was told there was also a possibility she might accidentally infect her family.

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The side effects and the prolonged uncertainly about her health took a toll on her home life. Though she and her husband were in marriage counselling before the incident, Anderson says, "this was the straw that broke the camel's back." The couple eventually separated.

The new law Anderson is campaigning for would give police officers and emergency health care workers the right to obtain blood samples from individuals who are "high risk" for HIV, AIDS or hepatitis B and C.

Earlier this year, Anderson founded a group called Front Line and Good Samaritans Rights to Know, or FLAG. The group wants police officers and other emergency workers to speak out, and it is working with the Reform party for legislation to protect the interests of the people who "work in the service of others."

Says Anderson, "I tell other police officers 'the monster is there and it's a very real threat. Don't get complacent, get informed."

A private member's bill that would force some suspected HIV and hepatitis C carriers to submit to blood tests was debated in December in the House of Commons.

Reform MP Chuck Strahl will lead debate on Bill C-244. Under the bill, any person could apply to a judge for a warrant requiring the taking of blood samples from another person "to determine whether that person carries a designated virus" - hepatitis B or C or "a human immunodeficiency virus."

The applicant would have to satisfy a judge that "reasonable grounds" exist to obtain a blood sample. Warrants could be issued if the applicant "has come into contact with a bodily substance of the other person while engaged in the performance of a designated function" by a police officer or person performing "any act" in an arrest.

Mr. Strahl tabled his "Good Samaritan Act" after hearing about the trauma of people who may have been infected. He said the legislation gives "peace of mind" to police and emergency services workers.

But Norman Boxall, president of the Ottawa defence counsel association, cautions that the proposed bill raises "huge privacy concerns."

"People with these diseases are going to be ostracized," he warns, adding such legislation could lead to widespread access to confidential medical information.

Ottawa-Carleton Police Chief Brian Ford says police chiefs support legislation because "the issue concerns all emergency personnel."

Chief Ford says he knows of a number of police officers in the region who may have been infected in the line of duty.

Steve Sullivan of the Canadian Police Association's victims of crime resource centre in Ottawa says blood samples can be an "important piece of information" that will give officers "peace of mind."

Anderson agrees. She says FLAG is also calling on police services to give their officers "global training and awareness" of the oftenhidden risks in dealing with persons infected with potentially deadly viruses.

"We are used to looking out for the dangers of the street. Officers need to know that there is another danger out there that doesn't really have a face."

For Anderson, danger is nothing new. At 19, she crashed the barriers of apartheid to became the first black patrol officer in Rhodesia (now Zimbabwe). Anderson graduated from police college on the eve of a bloody civil war in the southern African nation. She says she saw violence, bloodshed and "people fighting for survival" during the conflict. She watched fellow officers being shot and killed in the line of duty.

In 1989, Anderson came to Canada with her husband and three small children.

She wanted her children to have more opportunities than they would have had growing up in racially divided southern Africa.

Anderson's career as an Ottawa-Carleton police officer began six years ago. She says she knew she would join the police service when she saw the inscription on the Elgin Street human rights monument in front of the police headquarters: "All human beings are born equal in dignity and rights." Anderson says that inspired her to feel that in Canada her race would not be a barrier to success.

She smiles and says, "What are the chances of a person getting to realize their dream twice in a lifetime - all I wanted to be was a police officer."

In August, Anderson received public attention and praise when she apprehended an alleged paedophile while she was off duty.

But she is quick to dismiss any suggestion that what she did was beyond the call of duty.

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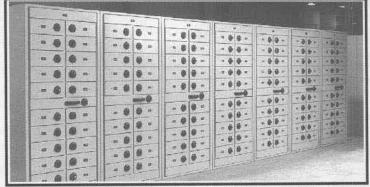
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CPIC Renewal Project to modernize police information

New system to be secure, dependable, user-friendly, and adaptable

by Nicolas Levesque

Many in the members of Canadian Police agencies have heard that over the next three years, the Canadian Police Information Centre (CPIC) will be upgraded and updated. Since April of last year, a team reporting to the Chief Information Officer has been working to make CPIC a more modern com-

working to make CPIC a more modern computer system emphasizing reliability, added features and improved information sharing.

One year ago, federal Solicitor General Lawrence MacAulay announced that the RCMP will receive \$115 million to modernize and enhance CPIC. "The government promised to give police better tools to fight organized crime," said MacAulay, "and we are fulfilling our commitments." Since that announcement, the CPIC Renewal team has been hard at work.

"We've been focusing on two main areas since last spring," explains RCMP A/Commr John L'Abbé, CPIC Renewal Project Leader. "On the one hand we're ensuring that the current CPIC remains healthy. And on the other, we're making detailed plans to implement a completely upgraded system with expanded ca-

pabilities."

As most police employees know, CPIC is a computerized system that provides access to operational police information. CPIC serves over 60,000 law enforcement officials in every province and territory, handling over 100 million queries from 15,000 points of access. The system links over 400 criminal justice agencies, nationally and internationally. But the existing CPIC technology, though still operating extremely well, according to L'Abbé, is now over 25 years old. "CPIC's outdated equipment leaves the system increasingly at risk of breakdown and unauthorized access," he explains.

In addition to ensuring CPIC's continued good health, the renewal project is also targeting longer-term improvements including the ability to transmit digital fingerprints and mug shots. Upgrading to new technology will drastically reduce the labour involved in data entry and maintenance of old mainframe electronic records. Project managers believe upgrades will lead to a more secure, dependable, user-

friendly, and adaptable system.

To do this, and to help organize the vast amount of work involved, the managers of the CPIC renewal project have divided the work into four parts.

Project 1 — CPIC stabilization — is working on identifying and reducing immediate risks to the system. The project is made up of 15 initiatives including the development of a detailed business resumption plan, additional security reviews, firewall standards and a modern messaging system. The major portions of Project 1 will be completed this spring.

"Project 1 is really essential, but for the most part it will be invisible to the user," explains project manager Mike Carroll. "The great thing about CPIC is that for more than 30 years it has been working very well. The problem is that the 30-year-old technology isn't made any more. We can't get parts. The people who can maintain it are retiring. That's why Project 1 is essential."

Project 2, CPIC modernization, will take the current functionality and place it on new technology. "It's when CPIC renewal reaches Project 3, the National Criminal Justice Index (NCJI), that the new vision of shared police information really starts to take shape," Carroll says.

Currently, in the planning stages, NCJI is designed to give current CPIC users access to a catalogue of information collected by police and other partner agencies such as Customs, Immigration, Corrections and the Parole Board. The new system will allow users to index and cross-reference information from the time of arrest, through prosecution, incarceration, parole and release.

"NCJI will be especially useful in helping solve cross-jurisdictional violent crimes and coordinating criminal intelligence on organized crime," Carroll adds. A more complete, modern and reliable system will also increase police officer safety.

"We're working on a plan that makes NCJI a single search point to all these broad range of law-enforcement systems," Carroll explains. "If these law-enforcement agencies come on board, we should have a very powerful tool."

CPIC Renewal's fourth and final project is referred to as New Clients, New Services. It will connect CPIC to other law enforcement agencies — provincial corrections, for example — which are not currently providing information to the CPIC system. It will also provide the means to transport new types of data, including electronic mug shots and fingerprints.

CPIC Renewal is a collaborative effort involving federal public service employees, private sector consultants, RCMP Informatics and NPS-CPIC staff, and stakeholder representatives. L'Abbé expects the renewed CPIC system, incorporating new services and new clients, to be operational in 2003.

For the latest information on the project's progress, sign up for the *Blue Line Symposium* and hear and see even more information and give your feedback. See more on page 22 of

this issue.



Convicted of murder with DNA evidence from cat hair

NEW YORK (AP) - Here's an odd tale from the annals of DNA evidence in the courtroom, A man from Prince Edward Island was convicted of murder after hairs in a bloodstained jacket were genetically matched to his parent's cat.

Douglas Leo Beamish lived with his parents and Snowball, a white American shorthair.

The case, reported in today's issue of the journal *Nature*, is one of the few times non-human DNA has been used this way in a murder trial.

Shirley Ann Duguay was 32 when she disappeared from her home in 1994. Her body was found in a shallow grave a few months later and police suspected Beamish, her former common-law husband.

The trial was held last year, from May to July, in Summerside, P.E.I. There never was a clear motive, although the Crown theorized Beamish was worried he'd lose the couple's children. He and Duguay broke up in 1993 and she was seeing somebody else when the killing occurred.

A brown leather jacket was discovered, stuffed in a plastic bag and left in the woods. Tests showed the bloodstains belonged to Duguay.

The cat hairs were found in the lining. Police recalled seeing Snowball at Beamish's home during their investigation.

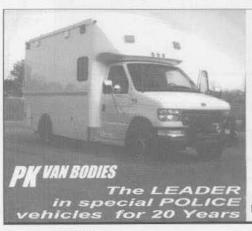
They sent a blood sample from Snowball and hair from the jacket to Stephen O'Brien of the U.S. National Cancer Institute in Frederick, Md. O'Brien has studied cat genetics for 20 years.

O'Brien and colleagues reported in *Nature* that Snowball's DNA matched genetic material from the root of one of the hairs.

To help O'Brien compute the likelihood such a match would occur by chance, the RCMP had a local veterinarian draw blood randomly from 19 cats. O'Brien studied DNA in those samples, plus data from a prior survey of nine cats from the United States.

The likelihood the DNA from the hair on the jacket would match Snowball's DNA just by chance was computed at about one in 45 million.

The suspect was convicted of second-degree murder.



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Women In Policing Conference to be held in Saskatoon

by Shelley Ballard McKinlay

The Saskatoon Police Service in partnership with the Royal Canadian Mounted Police will be hosting the "Women in Policing Conference" to be held October 2 - 4, 2000. The Conference is open to all sworn police of-

ficers and allows women in the non-traditional role of policing to meet other women who have similar positions and similar challenges in their lives. The conference will offer a variety of interesting and motivational topics.

Being directly "In The Line of Fire" is one of the most traumatic situations an officer will experience. Cst. Laurie White was shot and ultimately lost her leg while executing a warrant. Her courageous fight back to recovery and to her job with the Kitimat RCMP is truly inspirational. Cst. Randy Goss's long-time K-9 partner was shot and killed by a man wielding a shotgun near a children's playground in Edmonton. Also invited, but not yet confirmed, is an officer who will discuss how he was involved in a shooting incident and how he coped with the aftermath effects.

The areas of forensic science and various forms of profiling are continually changing and expanding. Kate Lines of the OPP will speak on suspect profiling and Jean Roney and Kathy McMillan from the RCMP Crime Lab in Regina will be discussing new developments in forensics and DNA.

Policing is only one profession in which

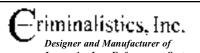
women are now taking a more active role. Sharing both serious and humorous experiences from their non-traditional lives will be Debbie Davies (one of Saskatoon's first female fire-fighters), Linda Walker (sports and news reporter for Global Television in Saskatoon), and Shelley Ballard (full-time police officer and part-time Himalayan mountain climber).

Mickey MacLellan is an entertaining motivational speaker who dares us to fall in love with ourselves. At 80 years of age, she offers advice on a lifestyle of "refinement", instead of "refinement".

Other topics may include Aboriginal issues, shift work and health, and mentoring.

A host of other activities will be on the agenda - a trade show, a wine and cheese reception, free neck and shoulder massages, registration gift bags, and loads of prize draws! Women and fashion shows - it's so cliché! Well, be prepared for some laughs during this Fashion??? Show. A banquet at the Howlin' Coyote Saloon brings all the fun to Champagne County. Participants are encouraged to wear their fanciest western duds to meet the Sheriff and defend themselves in "court".

To register for the conference or to receive more information contact Cst. Susan Grant at (306) 975-8235, fax(306) 975-8319, e-mail susan.grant@police.saskatoon.sk.ca, Saskatoon Police Service, Box 1728, Saskatoon, SK, S7K 3R6.



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Cruise the Blues - Out of the blue

by Mark Tonner Courtesy: The Province

It seems that contact with the VPD's "Odd Squad" film crew always has an emotional effect. Their cinematic premier "Through a Blue Lens" -a portrayal of heartbreak and triumph among skid row addicts, left me more than a little off balance.

Now we are collecting accounts of heroism, humour and tragedy with an eye to releasing them in book form. I've been signed on as editor, and three steps into scrutinising incoming tales I'm startled anew.

Most police officers have a way with words, but it's the subject matter that sets our experience apart - the people we come into contact with, and the incredible things they choose to do.

A recent submission came from a Vancouver sergeant, who took part in an effort to save the life of a hero: a man who leapt between a woman and her would-be killer, setting aside self interest without hesitation. Paramedics summoned to the scene were unable to save him, and he faded away as the sergeant and others looked on, admiring the fellow's courage yet helpless to prevent his death. The sergeant's children will be taught of this, he pledges; his grandchildren too.

Another officer, a child abuse specialist, describes a series of parental excuses he's hearing with exasperating regularity. "I only had two beers" is blurted out often enough to make him wonder if anyone ever stops at two. "The baby-sitter was on the way when I left.." is heard as often as "You caught me on cleaning day.." or "I'm going shopping tomorrow."

Picture another scene: a basement, with prostitutes smoking crack, and a hungry fiveyear-old boy infested with lice. Angry over the apprehension of her son, his mom pointed to some battered articles in the corner, crying "But he has toys!"

I find myself switching to humorous submissions to keep anger from overwhelming. On that sunny note, the laughs are coming in. Especially regarding officers on bicycles:

One, surprising a pair of break-in artists, had to choose between a crook who fled on foot and one who stayed, clutching an old bicycle. Off he went, chasing the one who ran, after borrowing the stationary crook's bike!

Pedalling madly, the officer reached for the brakes and found nothing. A quick dodge and the crook was around a corner, while the officer bashed a curb and sailed over the bars into a nearby park.

Another story involves a VPD bicycle officer, downloading pizza and diet coke for dinner. Customers

pointed out a pair of men stealing a parking meter, the officer ran to make the collar, ended up in a foot chase and lost the fellows.

A bicycling bystander identified the missing crooks- a half block distant. The officer commandeered the citizen's bike and tore off, only to find it also had no stopping ability, and smashed into the side of a VW van.

This officer picked himself up and pedalled again, a block later tackling the thieves. Hollering "Police!" resulted in an acidic spray, punctuated with pizza crust, pepperoni and banana pepper, which landed all over the stunned suspects. They gave up, wondering if some new "less-than-lethal" technology had been used on them.

Some chuckles are even further afield. One uniformed officer, directing traffic, had a mouse run out and up his pants leg- leaving him hopping about in the intersection, clutching his groin with cars swerving around him.

We're offered such extremes by the people we serve it's a wonder any of us are still sane.

Doubtless there are those who believe none of us are. Yet, while getting up each day and coming back for more may be the most worrisome indicator of all, the job has to be done, and it seems there will always be those willing to do it.

I'll be giving occasional updates, but for a glimpse at our work-in-progress or to contribute stories, surf to <www.oddsquad.com> or drop me a line at the addresses below.

Const. Mark Tonner is a Vancouver police officer. His opinions are not necessarily those of the city's police department or police board. Tonner may be contacted at The Province, or by e-mail at marcuspt@msn.com

Federal Auction Service Sets The Standard For Law Enforcement Auctions

Federal Auction Service of Brampton, Ontario has developed a new model for the law enforcement auctions market. A well established company with over a decade of experience coordinating and conducting successful auctions, Federal Auction Service is ready to showcase their seized goods auction model for law enforcement agencies.

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Cell phones - Right to Counsel - Summary Arrests

What impact does the increasing use of cellular phones by police officers have on the Right to Counsel?

More specifically, if I am carrying a cell phone and I am telling the arrested party in the back of my police car that he "has the right to retain and instruct counsel without delay' and "Do you wish to call a lawyer now?", does this imply a potential Charter breach if I do not allow him to exercise that right with my phone? Obviously, if the arrested party is violent, there is ample reason to delay until it can be done in a more controlled situation at the station. But how about when the suspect is very co-operative and there is no strong concern that he would attempt to damage it? Some subquestions naturally arise from this.

- 1. Does it make a difference if the cell phone is department property vs. personal property?
- 2. In order to give the suspect privacy, must I stand outside the car while he has his conversation?
- 3. If the body of opinion says that it is okay to delay the exercising of the Right to Counsel until we get to the station, why does the standard right to counsel wording include the question, "Do you wish to call a lawyer now?" Al Verwey

Toronto Police Service

ANSWER:

There are no case law decisions that relate specifically to the use of cell phones. The answers to all your questions are found in the combination of S.C.C. decisions that establish the sec. 10(b) Charter guidelines. The following rules summarize the procedures:

Rule #1 When an accused person invokes the right to counsel, two mandatory obligations are imposed on the police:

- i) the suspect must be given a "reasonable opportunity" to exercise the right to counsel, after the right is invoked
- ii) cease questioning, delay the investigation, and do not attempt to obtain evidence from the accused until he has had a reasonable opportunity to call and speak to a lawyer (R.v. Manninen, 1987, S.C.C.).

Rule #2 "Reasonable opportunity" is not defined by a specific amount of minutes. It has been defined as without unreasonable delay. (R.v. Manninen, 1987, S.C.C.)

Rule #3 Is it reasonable to delay giving the opportunity to exercise the right until you arrive at the police station? This may be answered by the "search incident to arrest" authorities. After an arrest, the police may search the accused and seize any item that is evidence, or may cause injury, or may facilitate an escape. If the accused has a cell phone in his possession, it may be seized. It may obviously

be used as a weapon and may facilitate escape if he phoned someone to obstruct the officer. Conversely, this common law authority justifies the refusal to give the accused possession of a potential weapon, such as a cell phone. Additionally, stopping a cruiser to give the accused privacy to make phone calls while en route to a police station would be unreasonable, considering that any accused may escape custody in a variety of methods. Ensuring personal safety and eliminating escape risks would be a reasonable delay.

Rule #4 During the justified delay, do not question the accused or initiate conversation that will lead to a confession. Caution the accused and delay questioning until he has exercised his right to counsel. However, if the accused initiates conversation and confesses during the delay, that evidence should likely be admissible (R.v. Hebert, 1990, S.C.C.).

In summary, "Do you wish to call a lawyer now?" is interpreted as meaning "reasonable opportunity." The common law search authority justifies the refusal to give the accused a potential weapon. Additionally, there are obvious risks in stopping while en route to a police station, even if the accused is apparently cooperative.

Find committing (Moore) QUESTION:

I have never received a clear cut answer to the following question, I have been given two different responses.

I am a police officer on duty and receive a call for an individual who is committing an indecent act, sec. 173(1) C.C. I arrive on scene and several witnesses tell me that the man sitting on the bench exposed himself. I proceed to ask the man to identify himself, but the man refuses and says that he did nothing wrong. Understanding that this is a summary conviction offence, must I catch the individual committing the act or do I have the authority to identify the man and proceed. Is there an additional charge that may be brought up against him? I have been told that I must wait until I catch the individual committing another infraction so that I can get him to identify himself, e.g. traffic violation. I have also been told that as long as the witnesses are willing to testify in court, I can have the individual identify himself and if he refuses, arrest him for obstruct police.

ANSWER: This is an excellent question because it illustrates the difficulty imposed on police officers because of the absence of clear laws.

There is a two-part answer.

First, section 495 C.C. justifies an ar-rest without warrant to establish the identity of a person who has committed a summary conviction offence, only if the officer finds committing

Secondly, an S.C.C. decision in R.v. Moore (1978) needs close analysis. A police officer in British Columbia saw a bicyclist violate that province's traffic laws by failing to stop for a red light. The bicyclist failed to identify himself.

dence

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CASE LAW

The officer arrested and charge him with "obstruct police." A trial judge acquitted the accused. The B.C.C.A. allowed the Crown's appeal and ordered a new trial. The S.C.C. dismissed the accused's appeal for the following reasons:

The Summary Convictions Act of B.C. provided that Criminal Code provisions relating to summary conviction offences applied to traffic violations

ii) In requesting that the accused identify himself, the officer was carrying out the duty of the province relating to a summary conviction provincial offence.

iii) The refusal to identify after the accused is "seen committing, by a police constable, an infraction" constitutes an obstruction to the police in carrying out their proper duties.

The S.C.C. implicitly stated on page 90 of the Moore decision, that the police must find committing in order to charge a person who refuses to identify, with "obstruct police." They did not authorize the arrest for "obstruct police" if an officer has reasonable grounds that the suspect committed a summary conviction offence.

In summary, there is no statutory or case law authority to arrest a person for failing to identify or to charge him with obstruct police in your scenario. Other creative investigative means are needed to establish identity. This is another example that calls for Criminal Code reform to clarify procedures that police officers commonly must consider during criminal investigations. Parliament needs to critically analyse a number of C.C. provisions including sec. 495 C.C. It seems absurd that a summary conviction offender who is seen by witnesses, but not the police, can escape prosecution by simply refusing to identify himself. Additionally, the S.C.C. reinforced this absurdity by imposing the "find committing" restriction in order to charge with "obstruct police."

Gino Arcaro is a professor at Niagara College. He has authored six law enforcement textbooks to date. Any questions regarding case law can be directed to Gino Arcaro via email to niacolts@itcanada.com.





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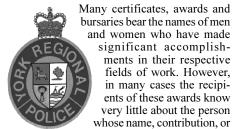
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POLICE

A police officer, a lawyer and a gentleman Thomas DesRoches left a lasting impression on the lives he touched

by Blair McQuillan



memory is being honoured. In 1999, Toronto's York University established a bursary for police officers pursuing an undergraduate degree in law. The bursary was created to honour the memory of York Regional Police Det. Thomas DesRochers. Any officer who receives this bursary should be aware of the legacy he left behind.

DesRochers' life was not a long one, but he accomplished a lot, touched the lives of many and left a lasting impression on those fortunate enough to cross his path.

"Tom was one of the most amazing people I've had the good fortune to have known," said Rochelle DesRochers, Tom's younger sister. "What made Tom stand apart from the masses was his incredible sense of fairness, decency and modesty."

Growing up in Penetanguishene, Ont., Tom dreamed of someday becoming a police officer. He kept Rochelle and younger brother Michel, in check by practising law enforcement techniques on them and keeping a watchful eye on the pair to make sure they didn't get into any trouble.

"I don't recall him ever wanting to be anything other than a police officer," says Rochelle, who established a website in honour of her brother in February 1999. "He even kept a little statue of a police officer on the shelf beside his bed."

In 1981, Tom fulfilled his life-long dream when he graduated from the Ontario Police College and began working with the York Regional Police.

Tom was a member of the York Regional force for 18 years working in uniform and as a detective. During that time he was also seconded to a joint forces project dedicated to uncovering municipal corruption.

Rochelle says many of Tom's fellow officers have commented on his dedication to policing as well as his excellent investigative skills. He was also well known as someone who never passed up the opportunity to lighten things up with his practical jokes.

"I worked with him in CIB," Andy Hanlon, a York Region police officer, wrote in a message posted on Tom's website. "I shared a desk with Tom for a short time and the jokes we played on each other I still use to this day on unsuspecting younger officers."

But joking aside, when it came to matters of law Tom was very serious. In 1995, the York Region officer decided to become a lawyer.

"He always had a profound respect for the law," Rochelle recalls. "I think that's perhaps why he ended up going into law school."

Prior to attending York's Osgoode Hall Law School, Tom obtained a bachelor of arts in history from the University of Waterloo.

"Because of the shift work involved in policing, Tom was unable to attend university in a conventional sense," said Rochelle, an elementary school teacher who also owns and operates a web design business. "Instead, he completed his bachelor of arts in history almost entirely by correspondence. That requires a tremendous amount of self-discipline."

Within a year of graduating from Waterloo, Tom was enrolled at Osgoode Hall Law School.

"He made many good friends, seemed to really enjoy the student life and soon became involved in many extra-curricular activities," Rochelle said. "Tom curled with his fellow law students, played baseball and even found time to write a column for Osgoode's student newspaper."

"He managed to continue working for the police force throughout his three years of law school. We were so in awe of his stamina and determination."

Tom graduated from Osgoode on June 12,

1998 and went on to article with the Crown Attorney's Office in York Region. His plan was to return to the police service as a lawyer.

In December 1998, he completed his Bar Admission Exams. Naturally, Tom passed and was looking forward to be-

ing called to the bar.

"Sadly, he was ill during this time with a chest cold that just wouldn't seem to go away," Rochelle recalls.

Tom went to the doctor's on Jan. 15, 1999 to see about his lingering cold. On Jan. 20, he was diagnosed with Acute My-

eloid Leukemia, a rare form of cancer that affects the blood. Just five days later, Thomas Roland DesRochers passed away at the age of 39, leaving behind his wife Kathy, his parents John and Annette DesRochers, his brother, sister and their families.

One month after his death, on Feb. 26, Tom was called to the bar. It was the first time in the history of the Law Society of Upper Canada that someone had been called posthumously.

"It was a bittersweet day for us," Rochelle said. "We were so proud and pleased that he'd been able to complete his goal of becoming a lawyer, but saddened that he'd never get to practice in a field we know he would have not only enjoyed, but would have also no doubt excelled in."

After Tom's death, some of his fellow students and friends approached Margaret Beare, the director of York University's Nathanson Centre, which is dedicated to studying organized crime and corruption, to determine how they could pay tribute to Tom's memory.

"There was a group of students at York that wanted to do something," said Beare, who oversaw a reading course Tom had completed for the Nathanson Centre. "We were trying to think of something that would be relevant."

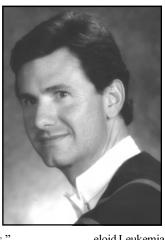
After some deliberation, the group decided to create a bursary in Tom's name to be given to a law enforcement officer pursuing an undergraduate degree in law at York University.

"The bursary is funded through an endowment from Mark Nathanson," Beare said. "The same money that funds the Nathanson Centre."

The annual bursary was made available for the first time last year, but no one from the police community has applied for it. It is hoped the money that has been set aside won't sit idle for another year.

"I think Tom would be very proud to know that he might be encouraging other fellow law enforcement officers to follow his footsteps," Rochelle said. "He was a very modest person, but I'm sure he'd be quite touched."

Those interested in applying for, or contributing to, the Thomas DesRochers Bursary are asked to contact Joanne Rappaport at 416 736-5586. The Thomas DesRoches memorial website is located at http://tom.evereden.com



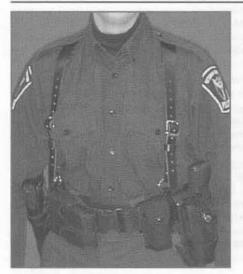


EMERGING TECHNOLOGIES

Blue Line Magazine — National Research Council — Canadian Police Research Centre

Giving your input today on the technology you will be using tomorrow

Blue Line Magazine, in conjunction with the National Research Council's Canadian Police Research Centre, is pleased to feature again the "Emerging Technologies" section. It is a forum whereby companies and individuals with innovative and creative concepts will have the opportunity to get feedback from the potential users of their products or services. Attendees to the trade show are encouraged to try out the items displayed and supply either encouragement or constructive criticism to make the products more responsive to the user.



Millennium Police Supply Millennium Backsaver Suspenders

Millennium Police Supply will be featuring the Millennium Backsaver Suspenders, designed to balance the weight of the duty belt between the hips and shoulders and thus eliminating the physical discomfort and debilitation of wearing the modern-day 14 pound duty belt. Other benefits of the suspenders are also noteworthy. Officer's clothing and appearance is improved. Officers do not have to continually tuck in shirts in the back because the suspenders assist keeping them in place. The belt can be kept level and at the same position at all times. This eliminates the space that forms between the bottom of the vest and the top of the belt. This is very noticeable on officers issued with different coloured shirts than vests. The three available sizes, small, medium, and large will fit all shapes and sizes of officers, both male and female. The suspenders are made of a high quality leather to provide the best comfort.

Institute for Aerospace Edge of Light

Edge of Light is a ground-breaking technology for non-destructive inspection (NDI) invented by researchers at the National Research Council of Canada. What makes the Edge of Light scanner unique is an ability to convert surface slope changes into light intensity variation in an image. In its simplest implementation, the Edge of Light scanner consists of a light source and a detector held at a constant separation distance. This technology has tremendous potential in forensics; it can be used to study documents or works of art that may be counterfeit or altered, to analyse handwriting, and to detect credit card modification.

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Joma Consulting provides expertise through and by the talents or engineers, technical staff and in house machining capabilities. Our mandate is simple: "If it can be dreamed of, it can be made. If it can be made, it can be done within the confines of a budget. If it can be done within a budget, chances are there are ways to deliver high-quality, feature rich solutions."

Ryerson Polytechnic University The Automated Photo-Lineup System (TAPS)

The Automated Photo-Lineup System allows police to construct, present, and record lineups in ways that maximize the rate of accurate identifications and minimize errors. TAPS combines features of arrest-photo databases already in use with new features not available from any other system, working either alongside those existing systems or as a stand-alone program. And it provides easy adherence to the lineup recommendations found in several sources, such as the official statement on eyewitness evidence from the American Psychology-Law Society and the U.S. Department of Justice document Eyewitness Evidence: A Guide for Law Enforcement.



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together and how to improve my performance, that of other individuals and of a group. Thank you for the learning and growth opportunity." Sgt. Bruce MacPhail, Halifax Regional Police.

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BLUE LINE SYMPOSIUM

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Course I: Investigative Interviewing Techniques (April 18, 9-12 a.m. or April 19, 9-12 a.m.)

Objectives:

- · To learn the skill of interviewing.
- · To learn how to prepare for an interview and ask the right questions.
- · To provide a setting for practical application of interviewing skills.
- · A practical course. Limited class size.

Course Outline:

- · The Law and Custodial Interviews case law
- · The Non-Accusatory Interview techniques
- Appearance and Language of Liars body language & verbal examples of lying
- · Pure Version Statements and Analysis of Verbal Responses



Presenter:

Gordon MacKinnon, with over thirty years of experience in law enforcement, has worked in a multitude of areas including uniform patrol and criminal investigations as well as specialized in areas of underwater search and recovery, fraud investigation, and intelligence. He is an acclaimed lecturer in the techniques of Investigative Interviewing and has taught officers of police services from across Canada. He is also a

course instructor at a community college.

Who Should Attend: uniform patrol officers, private investigators, any professional who must find the truth.

Course II: Positive Discipline (April 18, 9-12 a.m. or April 19, 9-12 a.m.)

Objectives:

- To facilitate a learning experience on communication skills to manage employees better.
- . To learn how to give positive discipline.
- · A practical course. Limited class size.

Course Outline:

- The boss-subordinate power relationship in a police environment.
- · The usefulness of praise.
- · Common problems in applying discipline.
- · Simple correction.
- · Positive Negative Feedback (PNF)
- Workshop.



Presenter:

Terry Barker is an internationally known management consultant and seminar leader, having worked with many corporations and law enforcement agencies. He is a director of the Institute of Communication Arts in Vancouver. He designed the Communications Skills for Police Personnel course for the Police Management program at Dalhousie University, and is the senior instructor on the program. He is also a frequent

columnist with Blue Line Magazine. Terry is the author of *The Five-Minute Police Officer* and *Boss Talk*, books in high demand for college courses and personal enrichment.

Who Should Attend: Supervisors, managers, future managers, anyone looking towards promotion, anyone dealing with people.

Course III - Critical Incident Stress Management (April 18, 1-4 p.m.)

Objectives:

· To develop a better awareness of the impact of critical incidents on

first responders, CISM teams, undercover operatives, joint task force members, and sex crime investigators

- To understand the impact of participating in specific critical incident scenarios including "Suicide by Cop", officer suicide, and police shoot/no-shoot situations
- · To identify the CISM issues of the Incident Commander.
- To outline a comprehensive intervention program from pre-incident training through to debriefing the debriefers.

Presenter:

Murray Firth, with over 25 years of experience in emergency service work and 14 years as an air traffic controller is an ICISF approved CISM trainer. He was awarded a Certificate of Recognition in CISM by ICISF (International Critical Incident Stress Foundation), is NOVA certified as a Community Crisis Response Team Trainer, and is a Team Leader and team peer support member for numerous CISM pre-incident and reactive services.

Who Should Attend:

Incident Commanders, First Responders, Detectives, Joint Task Force members, Sex Crime investigators and CISM Team members, and anyone who is at risk of being involved in a critical incident.

Course IV: The New Face of Policing – Face I (April 18, 1-4 p.m.)

Objectives:

- · To acquaint with the steps on how to evaluate your agency.
- · To acquaint with the indicators of a need for re-organizing.
- To review the rights and obligations of officers where the SIU is in attendance.
- To review the rights and obligations of officers in the public complaints process.
- To inform how police can partner with Canada's innovation community
- · To assist police in preparing for internet investigations.

Presenters:

Keith Taylor, President of Perivale & Taylor Consultants, assists agencies in evaluating and redesigning organizational structures. He did an in-depth study of the St John, NB service and assisted in their restructuring process.

Harry Black, is a lawyer who specializes in defending police officers, especially as it relates to the Special Investigations Unit and public complaints process.



John Arnold is the Chief Scientist of the Canadian Police Research Centre (CPRC) in Ottawa. His operational function over the years has included facilitating and advising companies and individuals on the many aspects of patent and concept development and liaison between the police and manufacturing industry to develop products, services and concepts as they relate to the police community. CPRC is a catalyst to the financial realities of today, providing a technology innovation network, through the National Re-

search Council (NRC), for police product development.

Who Should Attend: Police association and union members, police managers, security managers, supervisors, rank and file officers, and information technology personnel.

Course V: First Response to HazMat (April 19, 1-4 p.m.)

Course Outline:

· Who is going to do the physical evacuation?

- It they need to be evacuated then there is an element of danger. Are you prepared to enter?
- Learn the necessary techniques and requirements to safely deal with HazMat situations.
- Actually don and doff Personal Protective Equipment (PPE) and self-contained Breathing Apparatus (SCBA)
- Learn the different levels of PPE and the shortcomings of each.

Mitchell Gibbs, Manager of Emergency Services, TEAM-1 Environmental.

TEAM-1 is well known for the mitigation of most highway transport spills. They are best known for the response and mitigation to the Plastimet Fire. They are also known for their association and support services to police and fire departments at emergency situations. They do air quality assessments at HazMat and determine "when is it safe to go back in". TEAM-1 is a leader in emergency response to chemical spills both on highways and at manufacturing facilities and are currently partnering with police and fire departments for NBC. They are the operator of the only mobile decontamination trailer.

Who Should Attend: Supervisors, rank and file officers, dispatchers, any first responders handling hazardous materials, highway patrol officers.

Course VI: New Face of Policing - Face II (April 19, 1-4 p.m.)

Part - A **CPIC Renewal Project:** Objectives:

- To inform about up-coming changes in information systems for police
- To inform about the future initiatives of the CPIC project

Presenter:

Paul Trottier is currently Manager of Liaison for the CPIC Renewal Project with the RCMP. Paul has over 25 years experience in building and installing police/law enforcement information systems in Canada. He has worked as part of the original CPIC development team in 1971, has worked with the Correctional Service of Canada, the Hamilton-Wentworth Regional Police and the Hull Quebec Police Service. He also worked as Director of System Development for the Department of Justice in the implementation of the FAC program and the Canadian Firearm Registration system.

Who Should Attend: All police supervisors, rank and file officers, civilian technical support personnel, information technology personnel, communications personnel, station operators.

Part B Archaeological/Forensic Recovery Team Objectives:

- · Explain and demonstrate the positive aspects to applying an archaeological methodology to crime scenes.
- Explain and demonstrate the benefits of having a smaller, well trained unit of police officers to respond to crime scenes.

Course Outline:

- Introduction to the methods of archaeology.
- Ideology behind the formation of the Archaeological/Forensic Recovery Team.
- The formation of the team itself.
- Case presentation (including slides) of crimes scenes attended by Team.

Presenter:

S/Sgt Gregory Olson began policing in 1974 with the Metropolitan Toronto Police and Haldimand-Norfolk Regional Police (1976 to 1980). In 1980 he joined York Regional Police where he worked uniform and plainclothes detective at One District, Criminal Investigation, Newmarket until March 1999, when he was promoted and transferred to Communications Branch. He obtained B.A. majoring in sociology with a minor in history and archaeology from Wilfrid Laurier University in 1996. He assisted in excavating a Huron village at the Wilfrid Laurier University, satellite campus in Orillia for a number of years. He became involved in a number of criminal investigations both within and outside of York Region where archaeology was utilized and as a result initiated the formation of the Archaeological/Forensic Recovery Team in 1998.

Who should attend:

Criminal investigators, crime scene investigators, forensic identification officers, anyone interested in new concepts of evedentiary recovery.

Part C **In-Car Mug Shot Integration** Objectives:

- To show the benefits of integrating systems in police agencies.
- · To show how the mug-shot system was implemented and is used by London Police Service.
- To show the flow of information from patrol car, to records management.

Presenter:

Eldon Amoroso is a member of the London Police Service who has gained considerable experience in the information technology and radio communications field. Resource assistance will be given by Ericsson Mobile Communications and Comnetix Corp.

Who should Attend:

Officers in patrol cars, supervisors, communications personnel, information technology personnel.

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1	Investigative Interviewing	☐ Dav 1	or 🖵 Day	v 2	9 - 12 am
	Positive Discipline	•	or 🗆 Day	·	9 - 12 am
<u>3</u>	Critical Incident Stress	☐ Day 1			1 - 4 pm
<u>4</u>	New Face of Policing - Part I	☐ Day 1			1 - 4 pm
<u>5</u>	Hazardous Material Managem	ent	☐ Day	y 2	1 - 4 pm
<u>6</u>	New Face of Policing - Part II		☐ Day	y 2	1 - 4 pm

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DATES & TIMES

Tuesday April 18, 2000 0900 - 1700 hours

Wednesday April 19, 2000 0900 - 1600 hours

REGISTRATION

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Non-registered guests pay \$10.00 admission at the door.

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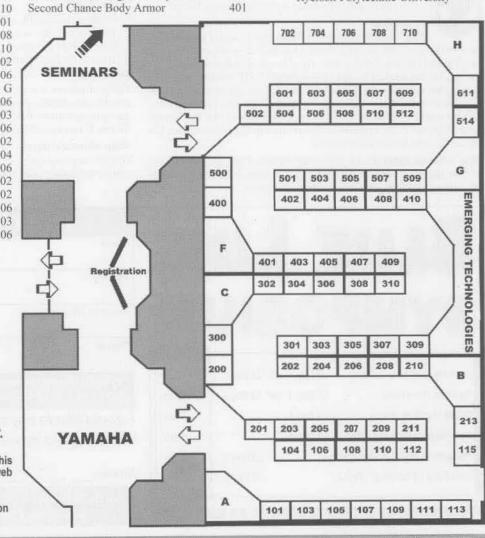
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Aegis Engineered Textile Products Exhibit 304

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- Custom Industrial product solutions for demanding requirements in areas such as equipment bags, helmet bags, courier bags, specialty coveralls, survival vests and bootliners to name a few.

See Ad on page 35

AirMunition North America Inc Exhibit 302

AirMunition has developed a program that offers an alternative to the high cost of firearms training with live ammunition by using their Aircartridges in a unique leasing arrangement that will provide agencies with a complete turnkey solution. AirMunition technology offers a solution which is a safe, cost effective and realistic alternative for use in a wide variety of less-lethal training programs.

Ascot Uniforms & Regalia Exhibit 514

Ascot Uniforms & Regalia manufacture uniforms and regalia for the RCMP, OPP, Toronto Police, Canadian Armed Forces, Royal Military College, US Marine Corps Presidential Band, US Airforce Academy and many other agencies. Specializing in Service Dress Ceremonial & Mess Dress uniforms, look for samples of the following at our booth: Military, Police, Fire, Security and Ceremonial uniforms, Mess Dress, Patrol Dress, Full Dress, Service Dress uniforms. Related accessories including Kilts, Trousers, Skirts, and Headdress (Caps, Hats, Balmorals, Glengarry's, Feather Bonnets, Bearskins, Pith Helmets), We also sell Spats, T ctical Uniforms, Belts, Hand Embroidered Insignia, Aiguilettes, and Shoulder/Citation Cords.

Bank of Canada Exhibit 400

The Bank of Canada's Currency Education Team (CET) contributes to the overall strengthening of bank note security by enhancing the public's knowledge of existing security features found on Canadian bank notes. The Bank considers public education to be an important and complementary component of its overall program to deter counterfeiting.

The Team distributes its educational material (leaflet, poster, sticker and video) throughout Canada. CET provides a toll-free information line (1-888-513-8212), an e-mail address (education@bank-banque-canada.ca), and a fax line (613-782-7533) to respond to enquiries about bank notes and counterfeiting. The

Team also conducts presentations.

Canadian Body Armour Exhibit A

One of two body armour manufacturing divisions of Pacific Safety Products Inc. (second one being Pacific Body Armour). Our products include:

- the Professional Series line of concealable and external armour carriers;
- · a high-end line of Tactical vests:
- a wide range of Accessories, including: tactical clothing, duty rainwear, unloading stations, tactical pack/SWAT cot, and K-9 armour; and
- a full range of Ballistic/Stab panels, which protect against a variety of ballistic and stab threats. Innovative "multi-threat" product systems combine ballistic and stab technology to provide superior performance.

See Ad on page 11

Canadian Police Supply Exhibit 607

Canadian Police Supply is your first choice for all your law enforcement needs. We are specialists in obtaining the gear you need at a price you can afford. We don't waste your money on expensive showrooms and glossy catalogues – we pass those sayings on to you. We can provide your department with highly competitive quotes on the things you use every day: duty gear, flashlights, gloves, impact weapons, handcuffs, outerwear, radios, body armour, riot gear, patrol car accessories and more. Don't do business the old way – do it the smart way. Visit us at *Response 2000* or on the web at www.thepolicestore.com.

Class A Fire & Rescue Exhibit 109, 111

Class A Fire & Rescue will feature the Cool Zone vest. An extensive armed forces test and evaluation of the technology in the Cool Zone cool vests proved a 22% increase in productivity while wearing burdensome personal protective apparel. Cool Zone is preset to maintain the "optimum cooling temperature" for hours of effective relief from the risks associated with heat stress. Come check it out!

Clearnet / Alcom Communications Exhibit 512

The Mike Network and Clearnet PCS.

Cogent Systems Inc Exhibit 609

Cogent Systems, Inc offers the most accurate, advanced - yet mature Automated Finger and Palm Print Identification Systems (AFIS) in the world.

Cogent features advanced software-based identifications solutions that are fully compliant with RCMP and all other industry-standards. Built with Commercial Off-The-Shelf products (COTS), Cogent is *the* leader in the development of dissimilar AFIS interoperability.

See Ad on page 12

Corporate Security Services Exhibit 405

Corporate Security Services will be exhibiting the following products at Response 2000: ink and inkless fingerprint system, exhibit room storage system and supplies, tamper evident exhibit bags, emergency escape smoke hoods and security sealing devices.

See Ad on page 21

Crime Scene Exhibit 409

Crime Scene Law Enforcement Supplies is newly opened, we're easy to find, and we service and supply all your emergency and law enforcement needs. With over 15 years of knowledge and experience behind our staff we can answer all your questions, and provide you with the best quotes and prices in Ontario. We provide uniforms, security and police equipment ranging from protective vests to foot-wear. Lori Allard (formerly of Shuriken) heads our staff to ensure you that your needs are met and understood! Please stop-by our booth to leave your card for our *Response Show 2000* "free" boots draw.

Daniel P Reeve Financial Services Exhibit 303

Daniel P. Reeve & Associates is a Wealth Management Firm "with a difference". I can show Police Officers how they can become financially BULLET-PROOF. This would include how to make their personal investments creditor proof in case of a law suit, supplementing their pension income, funding their children's education or how to profit from investing in the 'new-economy.' Our firm has a unique approach to analyzing and evaluating your needs and concerns and then selecting a proper solution to satisfy your objectives. I believe there are a number of ways I can help Police Officers and their families through some unique ideas they may not have heard about before.

See Ad on page 31

Deister Electronics Exhibit 301

Deister Electronics provides a comprehensive range of Guard Tour and Electronic Verification Systems, with 10 software packages, 6 data collector models and 3 options of checkpoint types (magnetic, proximity & bar code). Applications include security patrol, weapons control and evidence tracking. For the ultimate in personnel safety, Deister can also supply "Real Time" systems. These systems are interfaced with 2-way radios which provide both emergency/panic alarm and man-down alarm options. Deister's full product range of Security and Electronics systems includes, Guard Tour Verification Systems, Proximity and BioProx Access Control Readers and Cards, Vehicle immobilizers, computer security and Encryption Devices, fixed Asset and Check In/Out Software.



Dept of Justice, Legislative Training Exhibit 110

Featured will be legislation as it pertains to law enforcement agencies.

Draeger Canada Exhibit 109

FDraeger Canada will feature products for alcohol detection, hazardous material handling, and safety and rescue equipment.

Electro Optics Canada Inc Exhibit 510

Electro Optics Canada is a leading edge company specializing in unique and high end optics, providing you with the ultimate in vision quality whatever the application, As the Canadian manufacturers rep for Fujinon and the government agent for Bushnell Sports Optics this progressive company has been supplying fine optical products to the military and law enforcement communities for many years. Electro Optics has applied their optical expertise to the CCTV market with several high quality lines of security cameras, monitors and accessories for any surveillance requirement including covert applications.

Equinox Adventures Exhibit 501

Equinox Adventures is a personal company that has offered courses, trips and programs in the adventure industry for over eighteen years. They offer programs in Whitewater Kayaking, Canoeing, Rock and Ice Climbing, Sea Kayaking, River and High Angle Rescue. They operate a 140 acre base camp on the shores of the Ottawa River as the hub of the White water activities and C.O.R.E. Program. Rock Climbing and High Angle Rescue courses are conducted in Southern Ontario near Milton, the Gatineau north of Ottawa and various regional sites across Ontario and Canada.

Federal Auction Service Inc Exhibit 210

Federal Auction Service Inc. has been coordinating and conducting successful, lucrative auctions across Canada for close to a decade. Based in Brampton, Ontario, Federal Auction Service understands the Canadian auction marketplace and specializes in matching goods with markets.

Federal Auction Service's most recent venture is the creation of a seized goods auction model for law enforcement agencies which is based on our ability to "optimize the marketplace." Federal Auction Service's experienced staff knows the markets and the buyers, and by placing the right goods in the right market, Federal Auction Service is able to obtain high dollar figures for seized goods.

See Ad on page 17

Fellowship of Christian Peace Officers (FCPO) Exhibit 708

The FCPO is a non-profit corporation which encourages peace officers, locally, nationally, and internationally to join in fellowship. The express purpose is to reach out to Peace Officers and their families with the power of the Gospel of Life. Peace Officers include police, correctional, customs, excise officers, sheriffs, mayors, justices of the peace, and conservation officers.

FLIR Systems Inc Exhibit 502

FLIR Systems Ltd offers the broadest range of commercial-off-the-shelf airborne and handheld IR systems available today.

Flolite Industries Inc Exhibit 106

Flolite Industries Inc. carries video based, ultra lightweight, search and inspection systems used by RCMP, Canada Customs, Departments of Corrections/Prisons and Departments of Foreign Affairs in Canada and abroad. Products to be presented:

Extendacam: Telescoping video pole (5 feet to 15 feet), weighing 5.5lbs, with built-in lighting, portable hi-resolution monitor. Infrared and telephoto capability available.

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Video Lenses. Video Systems custom design. "Look at it our way".

Flying Cross by Fechheimer Exhibit G

Flying Cross by Fechheimer offers a complete in-stock line of quality union-made public safety uniforms. Our products include shirts, trousers, tunics, outerwear, and complete bicycle patrol uniforms. Flying Cross by Fechheimer's Outerwear includes Gore-Tex garments offering waterproof, windproof, and breathable heavy winter jackets and spring/fall lighter jackets as well. We also offer sweaters with W.L. Gore's unique WindStopper lining transforming an otherwise traditional military sweater into a breathable, windproof garment for superior wearer comfort. Visit Flying Cross by Fechheimer for the latest in functional, stylish, and high-quality garments in a variety of fabrics and colors designed specifically for law enforcement.

See Ad on page 33

Fox 40 International Exhibit 506

There are whistles, and then there's the Fox 40. It may look and feel like a traditional whistle, but that's where the similarities end. Fox 40's patented design eliminates the pea to deliver a high pitched penetrating, omni-directional sound that will never fail. It can be heard at great distances over land and water. The Fox 40 Whistle is used by law enforcement officers, rescue aid workers and outdoor survival specialists worldwide and is the #1 choice of the United States Navy and the US Coast Guard.

Framed Police Concepts Exhibit 603

Featured for sale will be police art prints.

Gentex International Exhibit 306

Gentex is the leading developer and manufacturer for ballistic and impact protection, communications and hearing protective devices, laser-protective polycarbonate lenses, and specialty engineered fabrics such as chemical defense and aluminized heat resistant fabrics. We have leveraged our military expertise and now manufacture protective ensembles and systems used by first responders to protect against effects of urban terrorist devices and weapons of mass destruction.

Henry's Exhibit 202

Henry's is Ontario's Imaging Solution Provider. Our Commercial Sales Department has six dedicated staff who will help evaluate you needs and provide sharp pricing on your equipment and consumables needs. Representing all of the premium brands for photography, video and digital imaging, Henry's Commercial Sales Department has developed strong relationships with law enforcement, investigation and security communities. No obligation quotes and Canada wide shipping. Call Henry's Commercial Sales Department at (416) 868-0872 or toll-free at 1-800-261-7960. Pick up locations in Toronto, Mississauga, Thornhill and Oshawa.

See Ad on page 40

Hi-Tec Intervention Exhibit 404

Hi-Tec Intervention is specialized in design, fabrication and sale of nylon duty belts and accessories for police officers. Our products are 100% made in Canada, allowing high quality, unbeatable prices and shipping time that meet your highest expectations. Our product line also covers all accessory needs for K9 units, dog and handler. Many prestigious agencies in Canada and USA are choosing Hi-Tec Intervention when they need special attention to quality and detail. Come and compare! 1-888-709-4400 www.hi-tec.gc.ca.



Innovative Security Solutions Exhibit 406

Innovative Security Solutions Inc. is a leading security product and services provider serving the needs of Financial Institutions, Government and High Risk Industrial Clients. We are an international service provider with sales and service capabilities nationwide, as well as the United States, the Caribbean and South America. Our product range includes safes, vaults, data security equipment, CCTU, access control and electronic locking systems. The LS.S. Security Services division offers consulting, engineering, design, investigative services as well as armored car services. Innovative Security Solutions, anytime, anywhere.

IDS Intelligent Detection Systems Inc Exhibit 402

IDS Intelligent Detection Systems Inc. through its Analytical & Security Division in Ottawa develops and manufactures leadingedge trace detection devices - from hand-held units to drive-through systems. Products are deployed worldwide to assist law enforcement, "first responder," military, and security agencies reduce the threat of terrorism and the epidemic of drug trafficking. IDS's patented, innovative technologies enable these chemical detection products and systems to identify minute quantities of particulates and/or vapours of explosives and narcotics. IDS's technologies can also detect chemical warfare agents. For information, please call Stephanie at (613) 224-1061, e-mail info@tracedetection.com or visit IDS at www.tracedetection.com.

International Police Association Exhibit 702

Find out more about this police international social organization and join their membership.

ITS Consultants Exhibit 706

ITS Consultants has a fully equipped audio processing laboratory. Our lab is centered around the hardware and software products of Digital Audio Corporation. Digital Audio Corporation is the dominant supplier of digital voice processing equipment to the Law Enforcement and Security Organizations worldwide. The primary applications for DAC's products are enhancement of degraded voice taped recordings, cancellation of noise on live audio and transcription of noisy voice tapes. DAC's products have many stages of signal processing, and each can be fine-tuned to remove noises like hum, hiss, rumble, TV and radio, fans and more. For a limited time only ITS Consultants will be offering audio tape enhancement services to Law Enforcement Agencies at no charge. See Booth 706 for Tracking, Surveillance and Tape Enhancement Solutions. Contact Brian Beauchamp 905-502-7378.

K9 Storm Incorporated Exhibit 103

For progressive police canine handlers who are dealing with an increasingly violent criminal element: K9 Storm is the canine ballistic body armour that provides custom-fitted protection and built-in specialty harnesses. Track.

Search, Extract, Rappel, K9 Storm Vests are designed, manufactured, and equipped to be worn on all calls for police service including specialized Emergency Response Team missions. K9 Storm is tactical body armour that allows working dogs to work.

Laerdal Medical Canada Ltd Exhibit 206

For over 40 years Laerdal Medical has been proud to work with lifesavers in developing the highest quality products to meet real user needs. Now Laerdal has also partnered with others like Hewlett-Packard for monitor/defibrillators and the American Heart & Stroke Association for educational materials. Their recent alliance with medical Plastics Laboratory provides the most realistic patient simulators and anatomical models available on the market and features Target Pro, the ultimate tactical trainer, as well as Tuff Kelly, the rugged, true-weight rescue manikin.

Lloyd Libke Police Sales Exhibit 601

Featured will be Winchester ammunition, Hoppes cleaning supplies, Uncle Mike's products, and Don Hume leather goods.

M D Charlton Co Ltd Exhibit C

M D Charlton has been providing a wide range of top quality equipment to Canadian law enforcement agencies and security companies for the past 19 years. Featured will be Surefire flashlights, ASP Expandable batons, Hatch gloves, Hiatt handcuffs, and our custom leather/nylon accessories. Nine One One Outerwear products will include outerwear, rain gear, bike suits, downfilled products and Nomex tactical suits.

See Ad on page 38

Martin & Levesque / Blauer Canada Exhibit 403

High Performance Uniform Outer Wear with Gore-Tex waterproof breathable liners, including jackets, overpants, and rainwear reversing to High Vis Yellow. New Crosstech liner with NFPA 1999 blood born pathogen protection. Sweaters with Gore-Tex Windstopper and fleece jackets reversing to High Vis Yellow. New Luminight jacket with exceptional night time visibility.

New Martin & Levesque Hitech Collection duty belts and accessories made in Canada, exceptional durability and pricing.

Four draws at our booth for the new 8001 Gore-Tex windstopper pant liner.

Matte Industries Inc Exhibit 211

Displaying space pens that write upside down, in extreme temperatures, on carbonless paper, and underwater. Special feature is the Police Pro Space Pen.

M & L Supplies Exhibit 201

M & L Supply will feature Mustang Flotation Equipment, Zodiac and Avon boats. The products are useful for fire fighters and police personnel.

Nutrition Club Canada Exhibit 115

With distribution from coast to coast, Nutrition Club Canada is now the largest distributor of Sports Nutritional products in Canada. We are the exclusive Canadian distributors for MET-Rx, Sportpharma, Futurebiotics, You Are What You Eat Energy bars, and Schiek Sports Accessories.

We will be displaying and selling sport supplements, high protein meal replacements, protein and energy bars along with weight training accessories. We will have special show pricing and will introduce our 911 savings program available to all Police and Fire Fighter personnel.

Ontario Police Supplies Exhibit 509

Ontario Police Supplies will display:

- All Stop Stick equipment for safe ending of police pursuits;
- Beaconway Technology the Strobe Beacon that replaces chemical burning flares;
- Flying Cross by Fechheimer clothing line for police, fire and security;
- Police restraint equipment and police duty equipment;
- · Rocky Shoe & Boot line;
- Police forensic equipment, biological supplies and the new cover-ups;
- Information on defensive tactics and training for security departments;
- Information on rental of community radar trailers;
- · New equipment just on the market.

PageNet of Canada Inc Exhibit 104

With 10.5 million subscribers throughout the USA and Canada, PageNet is today the world's largest wireless messaging provider, and the only dedicated national paging service, utilizing the most advanced FLEX technology digital control systems and high speed satellite linked transmission facilities. PageNet's unique approach to the growing paging market in Canada has quickly translated into increasingly flexible and effective wireless communications, wider coverage areas, and ever-growing service and product lines. PageNet will be exhibiting numeric and alphanumeric paging services and the Research In Motion wireless e-mail unit.

See Ad on page 4



Pit Bull Tire Lock Corporation Exhibit 505

Nothing stays like a PIT BULL! Easy and lightweight indestructible locking power make the "PIT BULL" tire lock the best wheel immobilizer available. Weighs only 9.5 pounds and attaches in under 10 seconds using no tools. When used with the "PAY LOCK" collection system you can collect 100% on all delinquent parking fines. Protect and secure or immobilize any wheel up to 14 inches wide.

Police Artists Association of Canada Exhibit 200

The Police Artists Association of Canada (PAAC) will feature bio's and displays of some of our artists from across Canada. PAAC's eventual goal is to establish a travelling show, across Canada of our artists. Many of our artists have gone beyond the call of duty and applied their talent to some very useful needs in their community.

Police Ordnance Exhibit 204

Police Ordnance is the world's leading supplier of Less Lethal Weapon systems. We will showcase our complement of ARWEN Less Lethal Weapons, from the ARWEN 37 to the ARWEN ACE. The ARWEN weapons are complemented by a complete range of accessories and ammunition. We also provide factory authorized Armourer & Operator certification.

Police Ordnance is Canada's leading GLOCK law enforcement distributor. We will be presenting the full range of GLOCK pistols from the GLOCK 17 to GLOCK 35. Also see the FSS-G which transforms any GLOCK to a select fire pistol. Other attractions will include the Bushmaster XM15-E2S rifles, Gemtech sound suppressors, Tibor Tactical Slings, and Trijicon sights.

See Ad on page 7

R Nicholls Distributors Exhibit B

On display will be the newest developments in stab resistant body armour, tactical gear, footwear and uniforms.

See Ad on page 19

Ron Cormier & Associates Exhibit 105

Presenting chargers, discreet antennas and wireless equipment. Featuring, VIDEOCOMM TECHNOLOGIES line of 900 MHZ and 2.4 GHZ wireless video transmitters and covert cameras systems. Also promoting CeoTronics, a world leader in covert wireless headset communications and accessories.

Salient Manufacturing & Security Products Exhibit 710

Six different models of search mirrors: hand-held models for corrections officers, constables, tactical officers, and under vehicle model for bomb technicians. Assault entry kits which include rams, padlock buster, power sledge, Thor's hammer and back pack carry cases for items.

Second Chance Body Armor Exhibit 401

Featuring the new Ultima Level II soft body armor, 37% lighter than previous technology, wrapped in Gore-Tex Comfort Cool pad covers. Lightest, thinnest, most comfortable Second Chance yest.

Monarch Level II+P+ vest with the addition of anti-puncture layers wrapped in Gore-Tex Comfort Cool pad covers.

New Second Chance Under Armor t-shirts for exceptional moisture wicking after high aerobic activity associated with law enforcement demands.

Four draws at our booth for Second Chance Under Armor.

Securesearch Inc

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Serengeti Exhibit 310

A great selection of the best in sunglasses for your personal or on the job use.

Stratagem Financial Services Exhibit 101

Richard Brandl and Stratagem Financial Services Ltd., offers a complete financial planning approach to assist you in developing or furthering your plans. We provide access to a comprehensive portfolio of financial products and services, together with independent advice. Through our network of qualified professionals, we can help complete a plan that is tailored to your needs.

We pay close attention to Creating, Managing and Preserving your wealth. We make sure that your After-tax return is maximized through different strategies: Eliminating Tax on Non-registered money; Escaping substantial capital gains taxes and estate taxes; Creating a tax free income stream; Tax free accumulation; Free-up cash from non-income producing assets; Remove money from your RRSP/RRTF tax free; Tax free estate distribution; and, Increase foreign content on RRSP/RRTF. 705-325-3863 / 1-877-892-4916

See Ad on page 13

The Current Corporation Exhibit C

The Current Corporation is a specialized distributor of Gen III head mount monoculars and binoculars, cameras and night navigation systems. Along with night vision technology, the Current Corporation distributes six-million candlepower hand-held searchlights and vessel mounted environmentally housed xenon searchlights with a 1 ½ mile white light beam or a 2000-metre infrared beam.

Tricia Rudy Enterprises Exhibit 611

Tricia Rudy Enterprises will be exhibiting limited edition prints by local artist Peter Etril Snyder, including his latest commission, Community Service and Conversations by the Covered Bridge. Motivational posters by K&K Enterprises will be available for purchase plain, or plak-mounted. You can also view samples of Gore-Tex rainwear by Cascade Wear Ltd. Bring your cash, cheque, visa card or purchase order and take advantage of the opportunity to save shipping charges. Bring your business cards to enter our draw.

VidSecure Inc Exhibit 503

VidSecure Inc specializes in the design and development of Digital Video Surveillance and Security Systems and equipment.

As a distributor and provider of a complete line of CCTV camera equipment and accessories, our main security products also include a line of Remote Video Digital Surveillance Systems "VIDVISION". Using standard telephone lines, network, TCP/IP,IPX Protocols etc., these systems allow for the monitoring of a site, where the unit has been installed from anywhere in the world. These Systems record all the activity digitally using motion detection technology onto an internal hard drive for easy retrieval, printing and e-mailing. Without patent compression technology we can store approximately a 50-second video clip onto a standard 1.44 floppy diskette. Alarm inputs and auto dial-out are features that enhance the system. You may see our complete product line on the web at www.vidsecure.com.

Whelen Canada Exhibit 113

Whelen Canada designs and manufactures state-of-the-art visual and audible warning equipment including strobe and halogen lightbars, beacons, power supplies, sirens and secondary lighting products.

Yamaha Canada Lobby

Yamaha Motor Canada is proud to be participating in the RESPONSE 2000 Law Enforcement Exhibition.

Attendants will have the opportunity to view samples from our 2000 Outboard, Snowmobile and ATV line. Also featured will be our all new Police Edition Royal Star prototype. Our products have had great success with Police and Security Forces throughout the world. We look forward to working with the law enforcement community in the future.

Don't let those chronic or nuisance callers rub you the wrong way

by John Bates

The Toronto Police Service is working on ways to eliminate just that problem. Sore backs, sore shoulders, sore necks and no time to relax between those calls for service. For a long time it has been assumed that muscle ache and related tension were the lot of all Emergency Dispatchers and Calltakers.

A recent experiment by staff at the Toronto Police Service, Communications Centre involves having

massage therapy students from Centennial College in Toronto, attend the Communications Centre, Operational Floor every Thursday to provide executive massages and to speak to members about relaxation techniques and personal wellness.

The third year massage therapy students arrive at the Communications Centre at approximately ten o'clock each Thursday morning, under the direction of their Course Facilitator, Oddet Oliver. Once on site, students and facilitator are greeted by a Police Communications Supervisor and escorted to the Operational Floor.

On the Operational Floor, their course facilitator, working with the Operational Supervisor, develop a schedule for massage breaks for as many 911 Calltakers and Police Dispatchers as can be accommodated. Needless to say the sign up list is usually long and unfortunately the students can see not everyone.

The students speak privately with the Communications Operators about previous medical history



and any special medical needs. Once that is completed and a waiver is signed the student can begin.

Each massage lasts approximately fifteen minutes and is performed right at the Calltaker or Dispatch workstation. The students spend time massaging neck, shoulder and back muscles and joints. Reaction to this program has been extremely positive.

The massage therapy students are able to fulfil their community outreach obligation as well as practical require-

ments for their diploma program. Communications Operators report that after working eight-day shifts in a row, any relaxation aid is greatly appreciated.

At the end of the day, the Toronto Police Service is able to send out the door a relaxed employee and know that great strides are being made to make the workplace a safe and healthy environment.

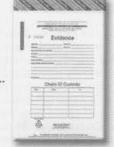
Once the program has been in place for approximately one year, it is hoped that the Communications Centre of the Toronto Police Service will have realized a reduction in repetitive stress related injuries and have helped to provide a more relaxed workplace environment.

Anyone wishing further information on how to set up a similar program can contact Staff Sergeant John Bates of the Toronto Police Service, Communications Centre, 703 Don Mills Road, Toronto, M3C-3N3 or by telephone at (416) 808-8803.

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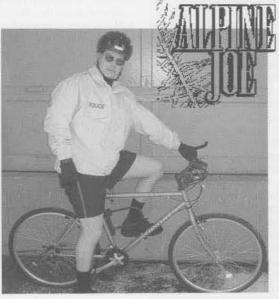
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Maintain control of your sidearm! Part Three: Defensive tactics to break free

by Dave Brown

In the first two parts of our weapons retention series, we looked at how holster design contributes to the prevention of a gun grab. But the holster is only one part of a larger continuum of defence and cannot be solely relied upon for protection. An assailant should be forced to penetrate through multiple layers of defence before being able to lay a finger on an officer's sidearm. In this final article of our three-part series. we look at what to do if this does happen and someone gets a hand on your gun.

Tactics to break free must be kept as simple as possible. One effect of stress in life-threatening confrontations is a marked decrease in the ability to make decisions. For this reason, the trend in weapons retention training is away from complex martial-arts moves and toward basic break-away manoeuvres that eliminate the decision-making process and place the assailant back on the defensive end of the action/reaction curve. This article illustrates a break-away technique that uses a simple fourstep move.

The Five Stages of Awareness

The best defence against an attempted gun grab is to prevent it before it even happens. This means that awareness towards surroundings and possible threats should be a constant practice. I have arbitrarily divided awareness into five different stages.

Stage Zero is where officers are in a low or no risk situation. Only somewhat higher than unconsciousness, no police officer should ever be trapped into this state of stupor.

At Stage One, officers are in a normal state of preparation. Relaxed but aware of their surroundings, they still take simple precautions during even "routine" interactions.

At Stage Two, officers are in a heightened state of awareness. Active resistance or the proximity of possible multiple assailants raises the potential threat level and officers must be prepared to act physically or verbally to maintain a safe distance.

At Stage Three, there is an ag-

gressive move toward an officer. Physical restraint or intermediate force weapons may be needed to defend against an assault. High retention holsters are most valuable during a sudden Stage Three attack. They allow officers to concentrate on defending themselves without worrying about losing their sidearm.

At Stage Four, an assailant has made an active grab for the officer's gun. This is the most critical stage for officer survival and will require an aggressive manoeuvre to break free.

The Weapons Retention Continuum Illustrated



Figure One

Routine interactions like this one happen a million times a day. Here, the officer is illustrating good Stage One awareness. He is careful not to allow the subject too close. His interview stance adds a slight but effective angle to his positioning. This makes it far more difficult for the subject to make a sudden grab for the officer's gun without clearly transmitting his intentions beforehand. The subject appears to be a little upset and the officer has draped his right hand near the center of his belt. Very casual, but well prepared for further action if necessary.



Figure Two
The subject appears agitated,

and another person has moved in behind the officer. The officer has shifted to a Stage Two awareness as illustrated by how he has rested his forearm across the top of his gun. Again, this may seem casual and non-threatening to an observer but it adds an important degree of protection. In this photo series, Constable David Kroeker (left) and Constable Frank Wurr (middle) of the Winnipeg Police Service are helping to illustrate the retention continuum with the assistance of actor Chris Wantzing (right). The Winnipeg Police Service teach a good example of what I call a modern "systems" approach to retention by effectively integrating it into their role-playing and scenario training.



Figure Three

The subject has aggressively moved toward the officer, and Constable Wurr has raised his left hand to block any further approach. There has been no physical contact or threat to the subject yet, but the officer has made it clear through his actions that he expects him to maintain his distance. He is also politely but firmly telling the subject to step back.



Figure Four

There is no time for politeness now! At Stage Three, the subject has grabbed the officer and another assailant is moving in behind him and possibly making a move toward his gun. Constable Wurr has locked his strong hand down onto his gun and is prepared to defend himself. In this case, the officer is equipped with a good triple retention holster and can use both arms to prevent an attack, if necessary.



Figure Five

Often, an attempted gun grab takes place as a complete surprise. In fact, the assailant may be on the gun before the officer can even react. The first sign of a Stage Four attack is when the officer grabs a fistful of someone else's hand, This is probably the most common, and certainly the most dangerous grab attempt. Retention training that does not acknowledge that the bad guy will usually get his hands on the gun first is not likely to work in a real life situation. The officer must now employ good defensive tactics to break free!



Figure Six

The first instinct here may be to attempt to pry the assailants hand off the gun. This is the wrong move and only serves to help the assailant get the gun out of the holster. Constable Wurr is instead going to illustrate a simple fourstep break-away manoeuvre. Step One is to physically jam his hands down as hard as he can to lock the gun in the holster, even if that means trapping the assailant's hands beneath his own. Now, the assailant's natural reaction is to pull free.



Figure Seven

Step Two is to bend his knees to lower the center of gravity. This prepares him for the next move and forces the assailant to bend awkwardly. The assailant is now feeling trapped by such fast reactions, and the mental edge is back on the side of the officer. With a good firm hold, Constable Wurr is confident that he can even leave one arm free to strike toward the assailant, if need be.



Figure Eight

In Step Three, Constable Wurr now steps in to the assailant's center of gravity, rather than pulling away as the subject is expecting. The officer is pushing him physically and mentally off balance by moving into his space. Depending on the direction of the attack, the officer can step into the assailant using his closest leg. In this scenario, Constable Wurr has chosen to push our simulated assailant off balance by placing his strong foot right between his attacker's legs.



Figure Nine

Step Four uses a sudden, violent twist to the side to break free. Here, the officer also swings a free arm around to strike towards the subject's arm or face. It is unlikely the assailant is expecting such a sudden twist and will not be able to follow it all the way around. Our poor assailant is now so physically and mentally off balance, that he is seriously contemplating taking up figure skating instead of his life of fighting and violence. Well . . . better make that golf.



Figure Ten

The officer is well balanced, and able to drive a blow with his arm or elbow while twisting free.

The only decision to be made was which direction to twist free. In fact, either direction would have worked. The important point is not what direction to twist but that the twist is started decisively in one direction or the other.



Figure Eleven

The officer has broken free and is now ready to further defend himself.



Figure Twelve

If Step Four did not work, the officer can suddenly reverse and initiate a violent twist in the opposite direction. Constable Wurr keeps his hand locked firmly down on the gun until he can break free.



Figure Thirteen

Even if the assailant has been able to follow the sudden violent twist to one side, he is unlikely to expect a sudden reversal in the other direction.



Figure Fourteen

Poor assailant. If done decisively enough, the subject may even end up on his back.

These staged photos cannot illustrate the necessary speed of a good break-away move. This defensive tactic relies on the officer unexpectedly jamming the assailant's hands on his gun and then moving aggressively into the subject's center of gravity instead of pulling away from him. This forces the assailant physically and mentally off-balance and puts the assailant on the defensive. The assailant is now forced to react to the officer's actions, instead of the other way around. During training, it is critical to practice this manoeuvre slowly and without using the full range of motion. It is very easy in a practice situation to overextend an arm and create injuries. It is only necessary to practice until all four steps are memorized. An artificial training situation can never recreate the unexpected nature of an effective break-away move.

Summary

Step One - Lock your gun firmly into your holster with one or both hands.

Step Two - Bend your knees to lower your center of gravity.

Step Three - Step toward the assailant to push him off balance.

Step Four - Violently twist in one direction. If this doesn't work, suddenly reverse the twist and continue rotating until breaking free.

Dave Brown is Blue Line Magazine's Tactical Firearms Training Editor and resident training fanatic. You will have an opportunity to meet Dave in person (and see if he really does wear bell-bottom pants and polyester leisure suits) during Blue Line Magazine's Response 2000 Exhibition on April 18 and 19, 2000. Dave can be reached by e-mail at blueline@blueline.ca.



Matthew J. Rau, B.A. Financial Advisor

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An Activity Not A Position

Leadership means valuing people

Leadership. Drive. Creativity.
Persistence. Flexibility. The ability to communicate effectively with others. These skills are best used to define and explain the achievements of Chief Superintendent William Howard

Currie of the Ontario Provincial Police.

Born and raised in Toronto Ontario, "Bill" Currie has been a member of the Ontario Provincial Police for just over 24 years. He is 57 years of age and earned his post secondary education through Toronto's York University.

Bill commenced his professional career in public service in 1962 as an educator in Toronto where he became the Vice - Principal responsible for program development of Toronto's first open area concept school.

Firm in his belief in people and their ability to make a difference, Bill decided in 1975 that his ambition to better serve our communities would be through a career in policing and elected to join the Ontario Provincial Police.

It was not long before Bill's background in education and self motivated ambition propelled him up the ranks of the OPP to his present position as the Regional Commander of the OPP Greater Toronto Region.

Chief Superintendent Currie's professional leadership in public service has not been



limited to only policing. In addition to his outstanding efforts in support of community safety, he has also consistently volunteered his time to lead numerous charity fund raisers for Child Find Ontario, Ontario Special Olympics, and of course, the United Way of Ontario.

In his spare time, he enjoys hockey, golf, curling and a variety of police/community related volunteer activities. In this day and age where family can sometimes come second, Bill strongly believes in keeping close family ties with his wife Doreen and their four grown children.

As Regional Commander of the OPP Greater Toronto Region, Bill Currie believes that public service demands a genuine focus on quality and customer satisfaction in the delivery of policing services to our communities. He has lead his people to adopt a business planning and service delivery process which targets results and is not simply program or initiative driven.

In addition to Bill Currie's successful implementation of his self directed team approach through traffic management teams like his "Highway Rangers" and "Truck Troopers," his design and implementation of the "All Hands on Deck" service enhancement program are fine examples of how to improve client service through innovation.

Most importantly, Bill's successful achievements demonstrate the outstanding level and commitment provided to him by his supportive team members.

Leadership and communication skills are clearly essential tools for effective managers today as changing times now demand that managers possess the skills to not only manage

things, but to lead people!

Bill Currie's leadership and personal commitment to valuing people is truly demonstrated through his development of the OPP's first "Officer of the Month Award" Regional Incentive Program and through his establishing a Community Volunteer Program.

Bill's innovative and forward thinking has also resulted in the design and implementation of various regional computer data bases and programs with the purpose in mind of always knowing where we are, what we have and where improvement can be made to enhance our service delivery to our communities.

A good example of one of these programs is the recently developed "Court Forms Manager Program" which has already dramatically decreased an officer's paperwork when processing the great number of drunk drivers our members are now able to arrest due to the "All Hands on Deck" service enhancement program.

In addition, Bill Currie's customer oriented approach to preventative policing resulted in his partnership with the Addiction Research Foundation and the subsequent development and implementation of his internationally recognized campaign to prevent road rage entitled "Gauge your Rage".

Bill Currie has truly dedicated himself to improve community safety by truly valuing people and applying innovative means to improve policing services to his "customers."

A team is said to be only as good as its leader. Each member must be compelled and motivated to go beyond the call of duty for the team's leader, the team itself and for themselves.

The dedication of OPP members in the Greater Toronto Region speaks volumes of Supt. Currie's leadership abilities.

We who live, work or travel in the GTR can be truly grateful for the dedication, inspired creativity and outstanding leadership of OPP Chief Supt. William Howard Currie.

To quote a member of our community volunteer program, "I can think of no individual who more deserves professional recognition and appreciation than he".

For further information on becoming a member of the Police Leadership Forum or for nomination information for the 2001 Award contact Mark Stainsby at 416 808-7483.

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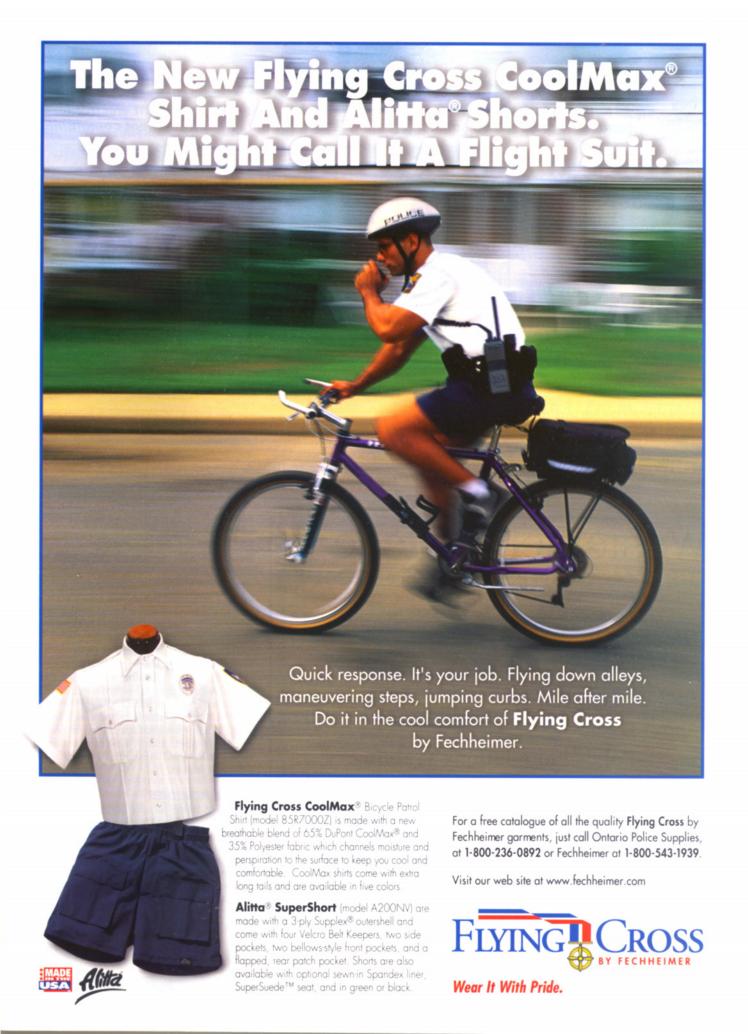
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TECHNOLOGY



by Tom Rataj

Cyber-Terrorism Attacks

February's rash of "denial of service" attacks on several prominent electronic commerce sites raises some interesting issues for the law enforcement community.

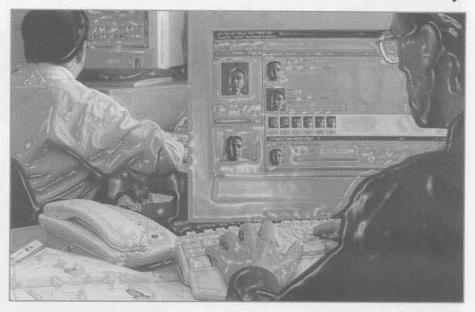
For several days during the second week of February, the news-media was awash with a flood of "cyber-crime" stories, as Yahoo, eBay, Amazon, and several other prominent electronic-commerce (e-commerce) sites on the Internet were brought to a grinding halt. Even several weeks of impressive stock market gains in the high-tech and Internet sectors came to a sudden stop after the attacks left investors worried about the security of e-commerce.

While the attacks were carefully targeted at specific companies, and in a manner not intended to steal, damage or otherwise corrupt their data, the apparent ease with which they were carried out was quite unsettling.

By the middle of February the RCMP and FBI were both hot on the trail of several suspected cyber-terrorists. The RCMP executed a search warrant as part of its investigation into the activities of "mafiaboy", a former subscriber of a Montreal ISP. Not surprisingly, his service had been cancelled in 1998 for violation of the terms and conditions of Internet account.

CLOSED?

These attacks are correctly called "distrib-



uted denial of service" (DDoS) attacks. They are the high-tech equivalent of a swarming. The actual mechanics of the DDoS attack starts when an individual, organisation or company

responsible for the attacks, clandestinely plants the appropriate software, called a "daemon" on a group of 3rd party host-computers in preparation for an attack.

At the appropriate moment the hidden software is activated on all the computers on which it was hidden, and the target site gets bombarded by so many requests for service from so many sites that it can't function normally. As in the case of the attack on Yahoo, the site was overwhelmed with about one gigabit (or one million bits of information) per second, which is about the same amount of data it would handle in an entire week. Hundreds or even thousands of powerful computer systems can be used to simultaneously launch an attack without any apparent links back to the perpetrator.

With exotic sounding names such as Stacheldraht (German for barbed wire), Trinoo, Tribe Flood Network and TFN2K, DDoS software is readily available on various Internet sites. Initially designed for testing improvements in Internet security, these programs have been modified and misused to conduct these malicious attacks.

LEGAL REMEDIES

These DDoS attacks certainly fall well within Criminal Code Section 342.1 that deals with "unauthorised use of computers," and may also fall within Section 430 (1.1) which describes the crime of "mischief" as it relates to data.

This of course is of little comfort since the entire attack may be perpetrated from outside Canada. Investigating and eventually prosecuting an individual or organisation for this type of crime may be next to impossible, especially because of the manner in which the culprits

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distribute their software among many 3rd party computers.

In the litigation obsessed US, some insurance companies have already begun to offer special insurance policies that protect against losses from being hacked. The issue of liability has also been raised in relation to the host computers being used to launch DDoS attacks. A company that fails to adequately protect its computer equipment against being used as a host to help perpetrate a DDoS attack may be found liable for economic damages suffered by the victim of the attack.

TERRORISM OR ESPIONAGE?

While not often mentioned in the mainstream media, these attacks could have been carried out by a foreign government agency or state sponsored terrorist group, or may even have been part of an elaborate industrial espionage plan.

Computer crime experts with the FBI were widely quoted in the media as suggesting that these attacks are not necessarily that complex and could very well have been carried out by a 15-year-old.

In response to the attacks, the FBI and security site, Packet Storm (www.packetstorm.securify.com), posted software that detects when a site is being attacked. The FBI's National Infrastructure Protection Center (www.nipc.gov) has been searching for software agents and other software that is part of these attacks. Using complex computer forensics they are in the process of tracking down the attacker(s) and their network of slave sites.

DEFENCES

Certainly not keeping pace with the growth of electronic commerce are Internet security software vendors and consultants, although these attacks have already created a lot of new business in this specialised market niche.

Large e-commerce sites will have to increase their security measures in order to detect the start of a DDoS attack, and have in place software that automatically rejects the malicious service requests while still allowing legitimate customers to be served. Automatic tracking, designed to search for the sources of the service requests also assist in the identification and prosecution of the perpetrators.

The other facet of the problem is that any computer connected to the Internet, could potentially become a host for the malicious software used to conduct the attacks. The investigation of February's DDoS attacks reportedly led to a desktop computer in a research lab at the University of California in Santa Barbara as well as a computer at Stanford University. The computers had been "hacked-into" over the Internet, some time before the DDoS attacks were launched.

Protecting your Internet computers consists of several steps, which dependant on the level of protection you want includes additional software. The simplest step is to ensure that file and print sharing are turned off. "Firewall" programs such as Norton Internet Security 2000 (retailing for about \$70 or direct from www.symantec.com) and ZoneAlarm (free at

www.zonelabs.com) provide an additional level of security by monitoring a computer's connection to the Internet. Gibson Research (www.grc.com) has a test program available that allows you to check the level of security for you computer.

Computers connected to the Internet by high-speed connections, such a cable or ADSL (Asymmetric digital subscriber line or high-speed telephone service) are more prone to being hacked into because their connection to the Internet is always on, regardless of whether someone is actually browsing.

CONCLUSIONS

These DDoS attacks pose some interesting problems for traditional law enforcement. With damages from lost business estimated at \$1-billion for February's attacks alone, there is no denying that these crimes pose a serious threat to the emerging e-commerce sector. But because of their complexity and potentially international scope, few police agencies have the expertise or equipment required to conduct investigations. As with large-scale commercial frauds, this is likely one area where the victim companies need to conduct their own investigations, with in-house or contract specialists, and assemble the entire case before turning it over to the police.

Even police agencies may not be immune to these attacks because any web-site, whether it contains any e-commerce components or not, is a potential target. Cyber crime-prevention may be the only help local and national police agencies may be able to offer.



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AirMunition Inc. has developed a program that offers an alternative to the high cost of firearms training with live ammunition by using their Aircartridges in a unique leasing arrangement that will provide agencies with a complete turn-key solution.

The problem up to now, has been that by using pyrotechnic solutions for training, agencies are forced to limit the amount of training that is taking place due to budgetary constraints. Currently, officers using 37 & 40mm less-lethal weapons are qualified with less training because the cost per shot of each of these rounds is expensive. The unfortunate result thus far, is that agencies have been forced to limit the number of officers qualified to use those weapons. AirMunition technology offers a solution which is a safe, cost effective and realistic alternative for use in a wide variety of less-lethal training programs.

The APT Program: The Concept

The APT program is a subscription-based full-service concept that includes the following hardware components at no charge:

- The required number of Aircartridges (37 & 40mm) that can be fired hundreds of times and reloaded in a mere three seconds, using plain air;
- · Training projectiles; and
- · Reloading equipment

Additional components and hardware can be ordered, as required.

The APT Program does not require an up-



front investment. It allows the agency to pay on a per shot basis (based on an anticipated number of shots per year). The agency can increase its training at anytime based on needs or requirements. There is nothing more to pay for. The training equipment remains the property of AirMunition thereby ensuring that equipment is fully supported while the customer enjoys its benefits.

Payment can be made annually in the traditional manner (with an additional discount) or made quarterly, or on another basis, if required. It may sound too good to be true, but the APT Program will reduce both direct and indirect costs significantly, while, at the same time providing the unique benefits of Air Power Training.

The APT Program: Full-Service

Rather than selling product that has special storage requirements, expiration dates and higher direct and indirect costs, AirMunition becomes an agency's partner by providing stateof-the-art, rugged, reliable proven technology. AirMunition's medium calibre line is available in 37mm, 37 Arwen, and 40mm versions.

Their full-service program includes:

- Sufficient and spare Aircartridges, projectiles and reloading equipment to ensure an uninterrupted training operation;
- · On-site delivery, training and certification;
- Round-the-clock, available service hot line, and guaranteed service support.

The APT Program Provides Year Agency With:

- · Increased training and its benefits;
- An amazingly new, realistic, safe and environmentally friendly training concept;
- A significantly lower cost per shot (ask for a customized quotation and cost comparison);
- · Huge indirect cost savings;
- Cash flow savings (no up-front investments) due to convenient monthly quarterly or annual (you decide) subscription fees;
- · A guaranteed full-service concept and
- Total flexibility within the contracted arrangement.

Interested In the APT Program? The people from the APS program are so convinced about the benefits that they cannot wait to show to you. Since "seeing is believing" you can ask for an on-site demo and a cost benefit calculation tailored to your specific training situation.

The AirMunition Line

AirMunition is the family name for: compressed air-based ammunition systems. The company claims that it offers the safest, most realistic and economical weapon training systems.

AirMunition provides for small (9mm) and medium (37 & 40mm) calibre training. The core of the AirMunition system is the patented Aircartridge, which incorporates a highly sophisticated valve system that reflects a pent-up force of compressed air when a firing pin strikes a valve in place of the primer. Aircartridges are designed and manufactured in Switzerland to the same precise engineering standards developed and embraced by the Swiss watch making industry. Currently, the 9mm, Recoil Round is used by the following manufacturers in combination with their own video-based firearms training simulators: Advanced Interactive Systems; American Laser Technologies; FATS; and TES Electronics Industries.

Recent studies have confirmed that accuracy, consistency and reliability of the AirMunition training systems exceed that of pyrotechnic training alternatives. AirMunition is utilized within the USA and throughout the world and is currently being tested and used by the National Tactical Officers Association.

See AirMunition Program at Response 2000 or for more information, contact: AirMunition North America Inc. Toll free 888-247-4486 Fax: 770 242-8546

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OffBeat software will put you back on the beat faster

by John Stevens

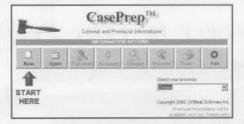
The first thing that John Bradley, founder and President of OffBeat Software, wants you to know is that they have considerable police experience and they know what a police officer needs to get paperwork done in the year 2000.

As a front-line officer, John knows what it's like to make a good arrest near the end of a 12 hour nightshift, and then have to spend hours completing crown brief documents.

"In September of 1994, on two separate nightshifts (one week apart), my partner and I made an arrest of 4 or 5 young offenders that resulted (on both occasions) over 30 charges and hours of frustrating paperwork. After working a 12 hour nightshift, and then having to work overtime just for the sake of paperwork, I had had enough! So from that moment on, I began developing a program that would make this nightmare go away!"

After a few short months, John had developed a standalone Windows-based program that would create a court-ready Information in just a few short minutes. Today, it is called "CasePrep" and it promises to be a suite of several add-on modules. The first and most promising module today is "CasePrep (Informations)".

CasePrep has been in use exclusively by John's employer since June of 1996 and has



been met with approval by Ontario Provincial Court Judges; Justices; Federal and Provincial Crowns Attorneys; as well as the Criminal Courts Manager in his region.

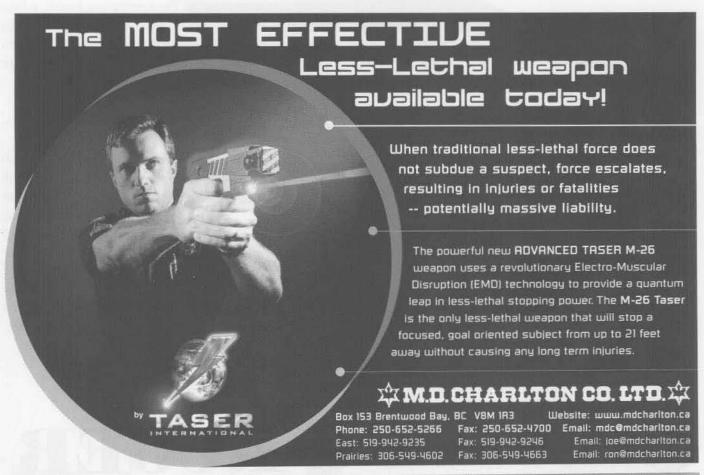
"As I was developing CasePrep, my most important goal was to save officers time and my department money. I took into account who my users were and their skills at using a keyboard. My goal was to ensure officers never had to look at a paper copy of the Criminal Code for the 'Forms of Charges' ever again!"

John explains how each charge in an Information requires an officer to look up the charges (or more properly known as "Forms of Charges*" or "wordings") in the back of a published version of the Criminal Code.

"If you've ever picked up a Criminal Code and looked at any of the wordings, then you would know what I mean," John says. "Even for some of the most experienced officers, trying to make 'heads or tails' out of these wordings can be a nightmare." John points out that these wordings are interpretations made by lawyers and trying to maintain a readable context within each wording is trying at best. The added complication to this whole process is that each charge has to be typed out perfectly – error-free! Whether the officer is using a type-writer or the latest word processor, the charge still has to be typed out. This is where errors start to happen.

To solve this problem, John tells us that each of the most essential Forms of Charges have been stored electronically which is unique to his CasePrep product. The Forms of Charges were produced from Martin's Annual Criminal Code with the permission of Canada Law Book. Using this as a base John has developed a very simple and easy to use "Click 'n Pick Editing" feature to edit each wording. Not only that, but each wording has been "reformatted" to be read in plain English.

For example, here is the published (and very hard to understand) version of the wording for assaulting a peace officer s. 270(1)(a) C.C. as found in the back of Martin's Annual Criminal Code:



TECHNOLOGY NEWS

CasePrep doesn't even bother presenting this style to the officer. It stores this wording in a completely different format altogether. The end result, is an obvious and very friendly way of getting the same job done, accurately and very efficiently! Here are 2 sample screen shots of "Click 'n Pick Editing" in action:

unlawfully (tid OF) did elleron(to assault name of OFFICER, a public OF) peace officer engaged in the execution of his OF) has duty, contrary to Section (78(a) of the Criminal Code and the amendments thereto.

The wording is displayed (only the green shade text has to be replaced)



User employs "Click 'n Pick Editing" to edit the wording

"This process alone is the biggest time savings feature of CasePrep," John states. "In fact, it is the same type of functionality we plan on incorporating into all of our add-on products."

Another sample screen shot displaying CasePrep's built-in list of drug Schedules which makes narcotics offences simple!

One of the other largest problems that officers encounter is Long Form Informations. Whenever there are two or more charges for a single accused, or one or more charges for two or more jointly-charged accused persons, a Long Form Information is required. An added



complication is the often encountered scenario where some of the jointly-charged accused persons are 'Young Offenders'. Also, if charges are from different Federal statutes, then this causes officers considerable grief as well.

CasePrep easily puts an end to this complicated problem. It supports an unlimited number of accused persons on the same Information. This also includes an unlimited number of charges. This software supports charges from different Federal statutes on the same Information and it doesn't care who are adults and who are Young Offenders. It doesn't matter! All the officer has to be concerned with is who is being jointly-charged with what offences. That's it!

CasePrep has the ability to dynamically create separate Informations. All the officer has to do is check-off the names of the accused persons who are to be grouped together on the same Information and check-off another box that says "Youth Information."

Other unique features: "Number of times to Save" and "Duplicate Charges."

Imagine arresting two teens in a shopping

mall who are in possession of a stolen credit card. They just spent the entire afternoon going from one store to the next making numerous purchases with the stolen credit card. The number of purchases equal 45 and the number of charges could equal 180. Given these kinds of numbers the advantage of this software become startlingly clear.

How fast is fast?

Time studies have proven that CasePrep can provide officers with an immediate time savings of up to 98 per cent. One case studied included a 250 charge Information (for a Search Warrant) by a detective in a large regional police service in Ontario. What might have easily taken an entire week to create, error-free, took only six hours.

What is down the road for CasePrep?

OffBeat Software is currently working on making modules for Search Warrants, Bail Hearing Documents, Release Documents, Notices to Accused and Incident Reporting. They plan on making each of their products available to be used "live" from their website. This promises to allow law enforcement agencies across Canada to have access to the most up to date versions of their software while still keeping all the data secured within their own computer systems. This format dramatically reduces technical support issues and installations within police organizations will be trouble-free.

For further information call 905 721-8225 Fax: 905 721-2947.



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"The "Farms of Charges" were produced from "Martin's Annual Criminal Code" with the permission of Canada Law Book

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Up-Coming Events

April 18 - 19, 2000 RESPONSE 2000 Markham - Ontario

Blue Line Magazine's fourth annual trade show is the perfect place to review, test and purchase products and services. Call (905) 640-3048 or fill out the registration form on the front of the magazine and fax it to (800) 563-1792.

April 18 - 19, 2000 Blue Line Symposium Markham - Ontario

Held in conjunction with Response 2000, the symposium will consist of six half-day courses by qualified leaders in a variety of police disciplines and expertise. Space is limited. Call (905) 640-3048 or fill out the registration form on the front of the magazine and fax it to (800) 563-1792. For more details on the symposium refer to page 22.

April 26 - 27, 2000 Toronto Police Service's CISO Surveillance Seminar Toronto - Ontario

Hosted by the Toronto Police Service's Mobile Support Services, this seminar will cover DNA collection, note taking and surveillance evidence, aerial surveillance, surveillance liability and surveillance weapons. Contact Ted MaGee at (416) 808-3700.

April 28 - 30, 2000 Inter-Denominational Retreat Pickering - Ontario

A time for personal growth, renewed hope and a chance to be alone, to relax, to reflect, a time for yourself. Scriptures, audiovisuals, healing liturgy, personal counselling. Contact Insp. Larry Sinclair at (416) 808-7081.

May 1 - 12, 2000 Level One Coxswains Course Toronto - Ontario

This course is an introductory level program designed for law enforcement officers who are currently assigned or will be assigned to marine unit duties. Contact Sgt. Stephen Henkel for more information at (416) 808-5800.

May 8 - 9, 2000 Basic Critical Incident Stress Debriefing Training London - Ontario

This is a two-day workshop open to any professionals who wish to know more about crisis intervention strategies. Contact Lisa Heslop at (519) 661-5636.

May 11 - 13, 2000 15th Annual Ontario Police Basketball Championships Sudbury - Ontario

This tournament is held in different Ontario cities each year to support various charities. Contact Rob Thirkill at (705) 675-9171, voice mail 76672.

May 15 - 18, 2000 28th Annual Auto Theft Investigator Training Seminar Markham - Ontario

Hosted by three police services and the Insurance Crime Prevention Bureau. Call Det. Cst. Doug Cousens at (705) 329-6454.

May 22 - 26 18th Anniversary Advanced Homicide Investigators Seminar

Toronto - Ontario

This seminar will be hosted by the Toronto Police Service. For information call (416) 808-7400.

May 28 - 30, 2000
Police & Information
Technology: Understanding,
Sharing & Succeeding
Cornwall - Ontario
This conference, hosted by the

Canadian Police College, will focus on the impact of information technology, public security and integrated justice, system standardization and organized crime and the use of information technology. Contact Sgt. Jean-Pierre Huard at (613) 998-9253.

May 29 - 30, 2000 Incident Commanders/Crisis Negotiators/Tactical Members Seminars

Sydney - Nova Scotia

The Canadian Critical Incident Association, in conjunction with the Cape Breton Regional Police Service, will host this three day seminar which will include case studies and presentations. Contact Insp. Bob McLean (902) 794-5695.

May 29 - 31, 2000 27th Annual Canadian Association of Police Educators Conference

Sudbury - Ontario

The Sudbury Regional Police Service and the Ontario Association of Police Educators will host this year's conference. The theme of the conference is "Personal Growth and Career Development". Contact Sgt. Dave West at (705) 983-9509.

June 1 - 3, 2000 The First Nations Chief of Police Association Annual General Meeting Sault Ste, Marie - Ontario

For more information regarding the general meeting please contact Chief Glen Bannon at (705) 946-2539.







TEN-SEVEN

Law Enforcement News From Blue Line Magazine

Agencies get more money under budget plan

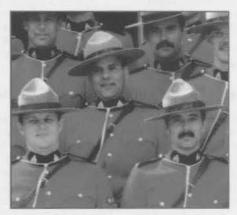
Four federal agencies will receive millions of dollars over the next three years under a new plan outlined in February in the national budget.

The RCMP, Canadian Security Intelligence Service, Canada Customs and Revenue Agency and Citizenship and Immigration will see budget increases as part of an initiative to improve border security, fight terrorism and crackdown on illegal migrants.

The announcement follows a well publicized incident in which a Canadian resident entered the United States carrying bomb-making materials.

It also comes in the wake of a growing debate over the boatloads of Chinese migrants who arrived on the West Coast last year.

Officials said the Solicitor General will receive \$810 million over the next three years. Most of the money will be handed over to the RCMP. It is expected that the Mounties will



use a large portion of the cash to combat security threats such as terrorism. Some will also be used to combat organized crime and improve policing services in provinces and territories. CSIS will also receive some of the cash.

Customs will be given \$87 million over the next three years to improve border systems and obtain additional resources for monitoring the movement of high-risk people and goods.

A total of \$371 million will be received by Citizenship and Immigration to improve the immigration and refugee determination systems

Canada has experienced such an increase in the number of illegal migrants during the past year that doing nothing would "clearly compromise the integrity of the refugee determination and immigration systems," budget documents said.

The budget also allowed for new money to be provided to the Justice Department. During each of the next three years the department will receive \$90 million. Spending details were not readily available.

Appeal will go to Supreme Court

An Ontario Provincial Police officer who shot and fatally wounded a native protester at Ipperwash Provincial Park in 1995 lost his appeal in February against his conviction.

In 1997, Acting Sgt. Kenneth Deane was handed a conditional sentence of two years less a day after being found guilty of criminal negligence in the death of Dudley George.

Deane has already served the sentence.

The Ontario Court of Appeal upheld Deane's conviction ruling there were no grounds for a new trial.

The Crown had also appealed the sentence seeking a penitentiary term of two years. The court also dismissed that apneal.

Deane's lawyer said he planned to file a notice of appeal with the Supreme Court of Canada and expects the case will be heard within the next 12 months.

The lawyer said Deane is still a member of the provincial police, but would not say where he is working.

Protesters occupied the provincial park near Sarnia, Ont., claiming it was part of a native burial ground.

Fantino sworn in as Toronto's top cop

Julian Fantino got right down to business after being swom in as Toronto's new chief of police.

Fantino said he had immediate plans to launch a 90-day review of the police service to ensure that senior positions were filled by the best people and that the officers on the street reflected Toronto's cultural diversity.

Fantino was handed the police sword and sworn in during a ceremony held at the police service's headquarters in March.

Hundreds of people including dignitaries, politicians and members of the police community attended the event.

"I will aspire to be a chief who builds bridges between the stakeholders ... bridges between this police service and every community which constitutes this wonderful multicultural and diverse mosaic that we are proud to call Toronto," Fantino was quoted as saying.

"I don't have a magic wand. Like all of us, I'm only human. I need your help and I need your support."

The 31-year police veteran said he will dedicate himself to protecting Toronto's chil-



Chief Julian Fantino

dren and developing a plan to curb the increasing youth crime problem.

He also said he hoped to ease tensions between the senior command, city hall and the police association.

Norm Gardner, the chairman of the police services board, said the city is fortunate to have a leader like Fantino.

"This is certainly a great day for Toronto," he was quoted as saying.

Fantino was selected in November to replace former chief David Boothby who retired after five years as the

city's top cop and 36 years on the job.

"Quite simply, Toronto is a safer city than when I became chief in 1995," he was quoted as saying.

"Bank robberies are down 25 per cent, robberies in general are down 15 per cent, homicides are down 17 per cent, sexual assault down 11 per cent, assault down four per cent, vehicle thefts down 12 per cent."

Fantino began his law enforcement career as a Toronto police officer in 1969.

He left Toronto in 1991 when he took the chief's job in London, Ont. In 1998, he became the head of the police service in York Region.

Law Enforcement News From Blue Line Magazine

Provincial police end salary protest



their pressure tactics, which included conducting spot checks during rush hour.

Officers slowed traffic by doing spot checks for seat-belt infractions in late February as part of a protest to pressure the government to increase salary offers. The officers are looking for a 7.5 per cent increase over three years in addition to wage parity. After five years of service a provincial officer's salary is \$53,519, while the top wage for a Montreal city cop is \$57,214.

Union president Tony Cannavino said the provincial government has repeatedly reneged on promises to give officers wage parity.

Cannavino said protests may begin again if the government doesn't agree to bring the contract dispute before an arbitrator.

Cannavino also said his members have acted to help the province eliminate the deficit.

Public Security Minister Serge Menard said the government is prepared to take action to end the dispute.

Quebec's provincial officers have been working without a contract for more than 20 months.

The officers are not entitled to arbitration and don't have the right to strike.

Chopper donor unveiled

The grandson of Garfield Weston, who founded the Weston food empire, was identified in March as the person who

donated a helicopter to Ontario's York Regional Police.

Charles Burnett, 43, said he was inspired by his grandfather, who donated a squadron of planes during World War II.

Burnett lives in Texas but spends three months each year living in the Toronto area, where his parents reside.

Former York Region police chief Julian Fantino said he was glad to end rumors that suggested the mysterious donation was made for nefarious reasons.

The previously anonymous donation sparked months of speculation and controversy.

Customs officers to get improved arrest powers

They won't be getting firearms, but Canada Customs officials will soon have expanded arrest powers and be issued batons and pepper spray.

New legislation gives officers the ability to arrest and detain anyone seeking entrance into Canada who is suspected of committing a crime or is already wanted.

Customs officers are currently

only allowed to detain or arrest people suspected of importing drugs or being in the country illegally.

Federal Revenue Minister Martin Cauchon said the program will be launched in Windsor, Ont., because it is Canada's busiest border crossing.

Cauchon said an estimated 2,000 customs officers at 32 of the

busiest border points and four large airports will be trained over the next two years to use the new arrest powers.

Cauchon noted that the legislation giving customs officers more powers was passed in May 1998, but the government has been consulting with law enforcement agencies and developing policies since that time.





Judge credits cop for initiating investigation into sex attacks

A B.C. police officer who took the word of a chronic alcoholic was credited in February with launching the investigation that led to two men being convicted of drugging, confining and sexually assaulting three women.

Provincial Court Judge Robert Higinbotham noted that one of the victims, "a chronic alcoholic with a significant mental disorder," approached Esquimalt Cst. Tom Barry in 1998.

In a "vague and rambling complaint" the woman told the officer that she had been sexually assaulted in a trailer in Langford.

Higinbotham said Barry found the woman's story to be both strange and disturbing but noted that she was not intoxicated.

The judge said Barry "could not recall ever having spoken to her when she was not intoxicated.

"It would have been easy for Cst. Barry to dismiss her somewhat disjointed account but to his everlasting credit he took her seriously."

When police went to the trailer in December 1998 they found more than 12 hours of videotape, depicting a variety of acts and assaults.

The tapes became the key evidence against Brian Pedden, 43, and Michael Merry, 45. "It would have been easy for Cst. Barry to dismiss her somewhat disjointed account but to his everlasting credit he took her seriously."

- Judge Robert Higinbotham

Higinbotham convicted Pedden of sexual assault, administering a drug, confinement and assault in the case of one woman.

Both Pedden and Merry were convicted of causing bodily harm in sexually assaulting a second woman, administering a drug, confinement and threatening to cause death or injury.

The pair were also convicted of sexual assault, administering a drug and confinement in the case of a third woman.

Outside court Barry said that when the woman initially came to speak to him he had a feeling that she was telling the truth.

He also said that once he decided to act on the complaint everything fell into place.

"It makes you feel really good about doing your job," he was quoted as saying, "I've been doing it for about 28 years now."

Mounties want to crack down on organized crime

Mounties in the Maritimes are planning to get tough on organized crime.

Smugglers are drawn to the region because of its long coast lines that are away from large population centres,

said senior RCMP officers in Moncton for the New Brunswick Chiefs of Police Association's annual meeting in February.

This year, the RCMP is planning to appoint a co-ordinator in each province for their coastal watch program.

The program encourages fishermen, boaters and others to watch for and report any suspicious activity.

"The criminal elements, understandably so, are adjusting rapidly," Supt. Pierre-Yves Bourduas was quoted as saying. "We have to have the infrastructure to do the same thing to make sure we don't put all our resources in one area."



Internet: www.cpc.gc.ca

Toronto officers found not guilty

Two Toronto police officers were found not guilty in March of dangerous driving in a chase that resulted in the death of an elderly man.

Csts. Karl Heilimo and Geraid O'Kane were each chasing a stolen van driven by a 14-year-old on May 11, 1998, before it lost control.

The vehicle crashed into a parked car and struck 73-year-old Clyde Barnaby, who was riding his bike on the sidewalk.

During the trial the Crown argued that Heilimo, 32, and O'Kane, 28, showed flawed judgement in engaging in and continuing the chase that resulted in Barnaby's death.

The constables, who maintained their innocence, argued they were simply doing their jobs as they pleaded not guilty to the dangerous driving charges.

However, the Crown accused the two officers of lying about the speeds of the chase, which took place through residential streets.



Heilimo



O'Kane

Witnesses estimated speeds that varied from a few kilometres an hour to 160 km/h.

The defence countered the Crown's claim by arguing that Heilimo and O'Kane called off the chase blocks from the scene and only sped up when seeing the crashed van on the sidewalk.

The chase, which lasted about five minutes, ended when the stolen van and another car collided. The van then hit a parked car before striking Barnaby and his two dogs, which were also killed.

Neither cruiser struck Barnaby.

The driver of the stolen van

pleaded guilty in 1998 to a number of charges including criminal negligence causing death.

The driver was sentenced to two years in custody

At least a dozen Canadians have been killed in chases during the past year.

The House of Commons passed a private members' bill in February amending the Criminal Code to impose tougher penalties on motorists who flee from police.

Under the bill, anyone who injures another person during a chase will receive a maximum sentence of 14 years, while a life sentence will be imposed on anyone causing death.

The bill was praised by the Canadian Police Association.

The association, which represents 30,000 officers across the country, was pleased that the bill focused on suspects who flee from police, as opposed to the police officers themselves.

Busson takes over as B.C.'s top Mountie



Busson

top RCMP officer in British Columbia.

There's a new

Beverly Busson, a veteran Mountie, was appointed

in February, assistant commissioner for "E" Division in charge of all RCMP operations in the province.

Busson is responsible for about 7,000 RCMP employees and officers working in B.C.

Busson left the RCMP last year for a job as the head of B.C.'s Organized Crime Agency.

She took over for former assistant commissioner Murray Johnston who retired on March 21.

Program encourages driver calming

A provincial police superintendent is launching a program encouraging business to help curb road rage and other

traffic problems in the Toronto area.

Businesses should screen employees and improve working conditions so they don't put stressed workers on the road after a day on the job, said Supt. Jay Hope.

The program, unveiled to business leaders in February, will encourage businesses to create plans that reward employees with accident-free records and penalize those who continually break traffic laws.

Dubbed "Cops and Corps", the program will urge companies to consider; placing company logos on vehicles to encourage employees to drive safely knowing their company's identity is visible; checking employee driving records for demerit points; sending workers to defensive driving courses; sending all newly hired drivers on driver education courses.

"I'm sure there are many people driving for companies that have traffic violations on their record but these companies have no idea who they have driving their vehicles," Hope was quoted as saying.

Minister wants independent investigations

Manitoba Justice Minister Gord Mackintosh says he wants police to stop investigating themselves.

He said the province hopes probes of police conduct will be investigated in the future by other agencies or an independent watchdog. He did not suggest when a new policy might be formed.

Independent investigations were suggested during the Aboriginal Justice Inquiry in 1991.

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Law Enforcement News From Blue Line Magazine

Defence team to combat hackers

A team of scientists and computer specialist has been appointed by the Defence Department to help crackdown on Internet hackers.

The unit has been formed at Defence Research Establishment Ottawa to form new protective measures against hackers.

The 14 researchers and computer scientists who were hired last year for the team will be imitating cyberspace intruders, creating new computer viruses to study and then designing defences against them.

Prakash Bhartia, director-general of Defence Research Establishment Ottawa, said the researchers will also be developing new methods to help track down hackers.

"We are trying to do more of the forward



While the computer team's main task is to protect Canadian Forces information systems, it will also likely provide research and development information for a planned national coordination centre to ward off hacker attacks on vital Canadian computer systems.

John Leggat, the Defence Department's chief of research and development said plans for that centre are in the initial stages and it is several years away from becoming a reality.

RCMP constable receives award

A Mountie was recognized in February for his extraordinary work in marine investigations.

Cst. Larry Burden, a member of the Chilliwack, B.C., detachment, was presented with the Presidents Award of Excellence from the International Association of Marine Investigators during a conference in Galveston, Tex.

It was the first time the award was presented to a Canadian police officer.

Burden was singled out for his efforts in investigating marine related crimes, specifically in the area of recreational watercraft.

Over the past two years, Burden has helped raise awareness of escalating marine related crime to both the insurance industry and the police community.

He has written several articles related to the issue, designed and authored training course manuals and has trained more than 250 investigators in the past year.

The International Association of Marine Investigators is a non-profit organization dedicated to combating marine theft and related crimes.

Special squad looks to rekindle investigation

A special police squad was assigned in February to spark an investigation into the deaths of an RCMP officer and his girlfriend.

Sgt. Peter Sopow and Lorraine McNab were discovered lying in a horse trailer on Dec. 15, 1997, on McNab's property near Pincher Creek, Alta.

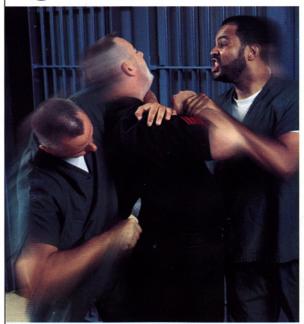
The couple had been shot to death with a .22-calibre weapon two days earlier.

The deaths have remained unsolved despite investigations by the Calgary RCMP major crime unit, the military, the Winnipeg Police Service and even with help from the television series Unsolved Mysteries.

The special squad was called in from Surrey B.C.

Pincher Creek is a town about 200 kilometres southwest of Calgary.

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CRIMINALLY FUNNY

Humorous tales of laughable oddities from both sides of the thin blue line



Officer refuses to swallow fish tale

Reprint: From The Cop Shop

Cst. Wyn Jenkins was working the evening shift one Saturday when he was flagged down by the driver of a mobile fish shop. He explained that someone had stolen some fish from his van as he made his deliveries around a housing estate.

Wyn took all the details, feeling genuinely sorry for him. In his effort to make a success of his business the man could always be seen delivering fish around many

of the villages. Rarely did he have a holiday or take a day off. On Saturdays he would rise early and drive to the nearest coastal town some fifty miles away in order to meet the fishing boats coming in from the sea.

Then, fully stoked, he would spend all day and most of the evening selling and delivering the fresh fish he had bought. Petty thieves he could do without.

"Any idea who took them?" asked Wyn,

"Well, I saw two of Sam Stud's boys

hanging around," he said, "but I didn't actually see them take the fish." This came as no surprise to Wyn. Most of the petty crime in the area could be attributed to Sam Stud or his many offspring.

Pretty soon he saw two of Sam Stud's sons walking through the park. One of them had a paper parcel under his arm.

"What have you got under your arm?" asked Wyn.

"Hair." said Sam Junior, who had picked up a thing or two from his father. Without further delay, Wyn got him to unwrap the parcel and saw that it contained three fish. "Whose are these?" asked Wyn. "Ours," said Sam Junior. "We just caught them in the river."

A reasonable explanation, thought Wyn - reasonable, that is, if the fish had been on steroids. Wyn could think of no other explanation for sea mackerel swimming fifty miles inshore to be caught!



Keep the tip

Police were looking for a thief in February who has a soft spot for the average worker.

A man entered a Hamilton, Ont., doughnut shop, ordered a coffee and then refused to pay, police said.

Instead, he ordered the clerk to open the cash register and took the money in the till.

The man was headed towards the door, but stopped after he realized that some of the money was tip money.

The gracious thief returned that portion of the loot and apologized saying he knows they don't make much money.

The man then left with coffee in hand.

And a bag of chips

These thieves couldn't take just one.

Instead, they made off with more than 200 cases of potato chips in February from a ware-house in Simcoe, Ont.

The chips were valued at \$6,000.

Provincial police weren't sure how they made their way into the warehouse.

They were also unsure how, or if, the crooks would sell the chips, a constable said.

He joked that police should look for suspects with grease stains on their pants.

Don't play with fire

Two Manitoba men who watched their arson fraud scheme go up in smoke were handed \$5,000 fines after pleading guilty in February to arson, fraud and causing damage by fire.

A 22-year-old man suffered first and second degree burns to parts of his upper body after lighting his friends sports utility vehicle on fire last summer with a can of gasoline and a flaming roll of toilet paper.

The 28-year-old owner of the vehicle had asked the younger man to burn it so he could collect the insurance money.

But the plan failed when the 22-year-old caught fire and had to admit himself to hospital

Police tracked him down at the hospital six days later.

Footprints in the snow

Two Toronto officers arrested a pair of robber suspects in February by following their footprints in the snow.

A sergeant and constable followed the footprints for almost two kilometres before discovering two suspects allegedly dividing stolen goods from a nearby gas station.



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This book covers the first decade in the history of the North West Mounted Police, 1873-1883, a decisive period in the history of Western Canada. The book examines the beginning of the force and the difficulties it faced.

> ➤ This book effectively bridges cal aspects of police work.



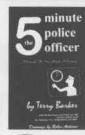
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Tactics for armed encoun ters. Positive tactics de-signed to master real-life situations. This book deals with tactics police officers can employ on the street to effectively use their own firearms to defeat those of



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William McCormack, a former Toronto police chief, relates some of the city's most famous murder cases. The reader is taken directly into the inner circle of each investigation, where the murderer's steps are traced.



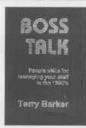
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From the author of the Court Jesters series comes a hilarious collection of real-life tales from those who battle crime. Stupid crooks, cops with a sense of humour, incidents gone wrong - this book has it



6 \$17.95

Written by the author of The Five Minute Police Officer, this book is a must read for anyone looking toward a managerial level career. This book has been evaluated by college training staff and psychologists around the world.



\$24.95 27

The sequel to A Double Duty, this book covers the 1885 North-West Rebellion. The role of the Mounties has been down-played by historians, but this doesn't do justice to the of-ficers who battled at Duke Lake, Loon Lake and more.



(12) \$21.00

This book is a comprehensive study of Canada's drinking driver laws. Excellent resource for police officers, prosecutors or anyone interested in the administration of laws toward drinking drivers.

This book takes you along

for the ride as a 12-year veteran of the Vancouver

Police Department de-

interesting calls. The stories

will help you understand what it's like to work Van-

couver's high-crime areas.



19 \$58.95

The main concepts of Tac-tics for Criminal Patrol states that "vehicle stops are golden opportunities for unique field investigations which ... can lead to major felony arrests." For officers who want to stop smugglers in transit.



\$45.00 31

This book, reviewed in the Jun. 2000 issue, responds to the need for a compre hensive leadership development model for the education and training of police, justice and public safety supervisors, managers and front line officers



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both the theoretical and practisurveys current research and policy to examine the structure, operation and issues facing policing in the 1990s and the approaching millennium.



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