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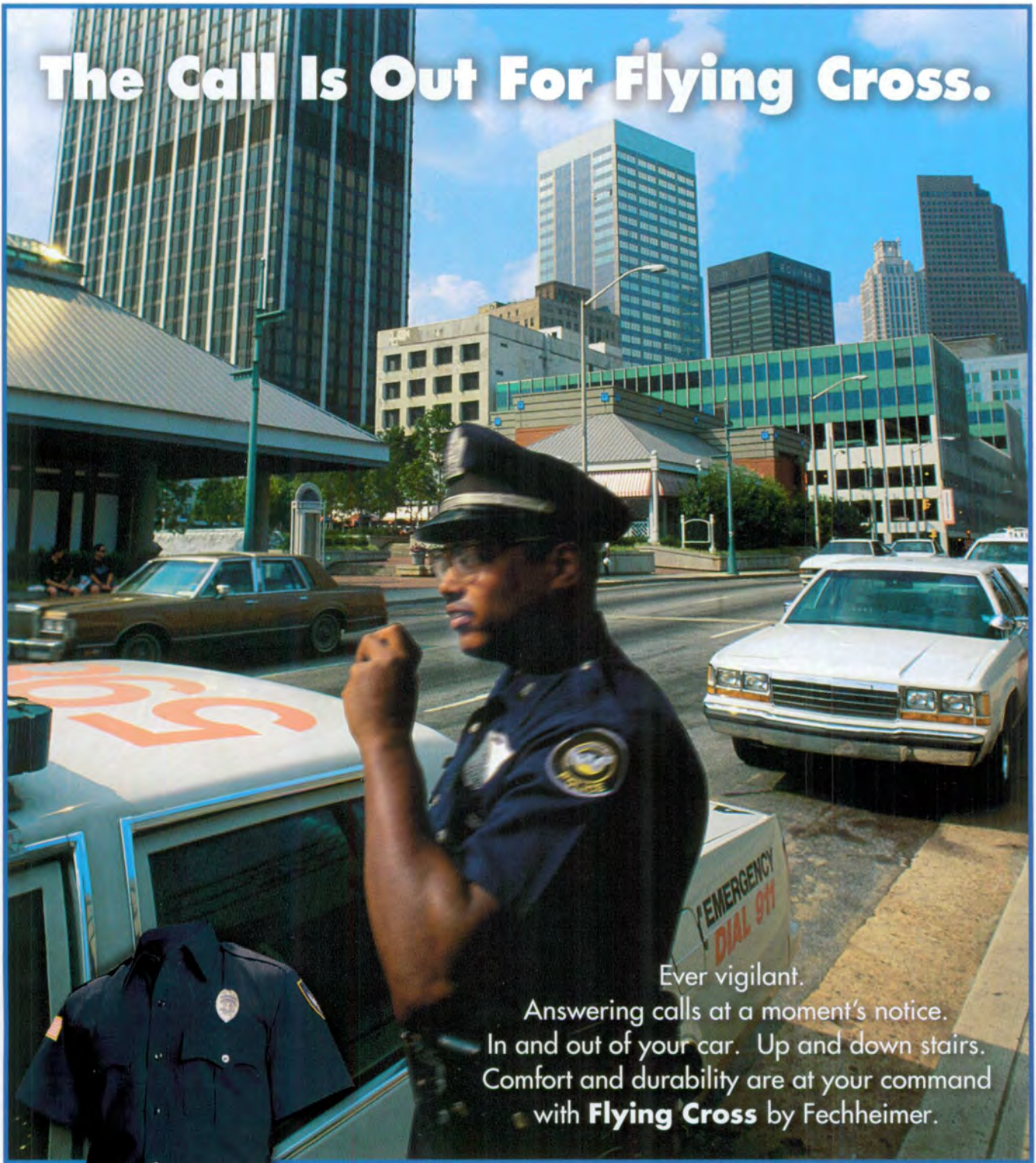
Canada's National Law Enforcement Magazine

April 1999



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BLUE LINE

Canada's National Law Enforcement Magazine April 1999



Shown on this month's cover is Winnipeg police officer Jim Slater as he checks out a B&E scene with the help of his canine partner Olaf. Several years ago Jim was frustrated in his search for body armour for his dog. After realizing there was nothing out there that fit his criteria he decided to build it himself. The result is a vest that is much sought after by canine officers across North America. Read more about this on page 6 in this edition of Blue Line.

If you have an urge to do more than read about Jim's creation then Blue Line has the perfect solution to that "touchy-feely" person in all of us. Response 99 Trade Show is the perfect place to not only see Jim's invention but also to see over 60 other companies' products and services. Read more about this on page 24 of this issue.

Blue Line's annual trade show has even more to satisfy the curious. This year the trade show presents a two day conference on the subject of surveillance as well as a section where the Canadian Police Research Centre presents companies with emerging technologies. Read more about these events in this month's edition.

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Check the bath water before you throw it out!

by Morley Lyburner

In the February edition of Blue Line Magazine you received a snapshot of what the province of Ontario policing structure presently looks like. Since the publishing of this article Blue Line has been inundated with comments and stories of irregularities and a few injustices.

One incident that appears to fall within the "injustice category" could also fall within the "not really thinking" category. It involves the amalgamation of a city of 90 police officers with a town of 6 officers and some surrounding rural townships. Some bumps in the road could be expected but by all appearances the newly appointed police services board (PSB) has thrown in a few pot holes in an attempt to balance things out.

The former chief of the 6-member police service is presently an "Acting" Sergeant with the newly formed police service and works out of the same office in the town of 2,500 people where he once held one of the top ranking jobs in the community. To say the least, this appears to be a rather dramatic drop and certainly could not occur without a loss of self esteem by both the former chief and the town who thought so highly of him. It is also a dramatic slap in the face for a person who felt the move to amalgamation was good for the community and not for self gratification. If the town had decided to convert to Provincial Policing there is no doubt the chief would have been better treated.

Under a protocol accepted several years ago by a large number of Ontario police organizations, chiefs and deputy chiefs drawn into an amalgamation with other police services, were to be afforded the rank of Inspector or above. This was done in the case of two other newly formed and amalgamated police services but was ignored in this case. The town chief expected to be offered the rank of Inspector as was the case in two other amalgamations in the province.

The newly formed PSB has made a few mis-steps in their move toward creating a larger police service. First and foremost they have not considered their positions as a Board of Directors. They exist to ensure that the police service is reflective of the community they serve and consider all its constituent parts. They are responsible to ensure that proper procedures are followed. In areas that are uncharted or little understood they must seek advice to ensure only best practices take place. They need not, nor should not, use their own police agency as the single source for advice.

In defence of the previous chief of the small town police service I feel the following should have been considered by the PSB;

- Becoming a chief of police is the only position where the candidate must convince a community that they are the right person for the job. The chief's position is one that is filled by a person who has not received it by simply "brown nosing" their way with the superiors above them. They are out on their own at that level and they sink or swim on their own talents.
- Once the chief's position is renewed, it truly confirms that this is the right person doing the right job.
- To encourage better cooperation with the newly amalgamated territories it just makes

good sense to endorse that community's selection of a police leader. To do anything less is an insult and encourages friction with that community.

- Doing a chief's job is not doing a sergeant's job. By the time a police officer takes on the top job on the police service s/he is now in a different realm completely. They are doing far more than just supervising junior officers. They are managing, and in some cases actually creating, the personality of the agency and how that personality relates to the community. To

not take advantage of this positive acquired talent is truly a waste.

- Good common sense would tell the PSB that if they don't have an answer then they should have a serious look at precedence. This factor alone would have told the PSB members they must treat the town chief with more respect and dignity than they presently had.

In all this spaghetti plate they call policing in Ontario, it is understandable how everyone's head can get confused and mixed up. But it shouldn't mean people can't keep their heads on straight.

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New body armour takes canine policing by storm

by Blair McQuillan

Like most great inventions it was created out of necessity.

In late 1997, Winnipeg Cst. Jim Slater began looking for body armour for his canine partner Olaf. He wanted a vest that would protect the seven-year-old German Shepherd and allow him to remain fully mobile.

However, after a lengthy search Slater couldn't find anything that fit his criteria.

How did he solve his problem? Well, he decided to create his own line of canine body armour.

"I looked around on the market but there wasn't anything I was comfortable with," the 12-year police veteran said. "I had an idea in my mind as to what I would want in my vest, so I just decided to go ahead and make it."

What Slater made was an innovative new canine vest that has taken the international police community by storm.

"If you had asked me last year, would I be in business doing this, I would have laughed in your face," said Slater, who founded K9 Storm Inc., after his revolutionary armour design gained popularity. "It was designed because I wanted a piece of equipment I couldn't find."

K9 Storm body armour is the world's first custom-fitted vest for police dogs. The Kevlar vest meets the Threat Level II Standard, the same standard as human body armour, which means it can stop most handgun rounds.

The patented vest can be tailored to fit every breed of dog ranging from a Sheltie to a Great Dane. All K9 Storm body armour is equipped with a V-ring which allows the handler to attach the dog to a leash for search and rescue operations, or a rappelling line suspended from a helicopter, or over the side of a building.

But wait, there's more.

"It's made in such a way that it won't affect any of the dog's natural abilities, which was sort of paramount in my mind," said Slater, who has served with Winnipeg's canine unit since 1993. "My philosophy being that if you put something on the dog that's going to affect its natural speed and agility, then you may as well not put it on him."

The body armour, which weighs less than three kilograms, even allows the dog enough freedom to lift its leg and respond to calls of nature without any interference.

The secret behind the vest's versatility is in K9 Storm's unique sizing system, according to Slater. Prospective vest buyers are given a template to follow when measuring their dog for body armour. This unique system ensures that the customized vest will fit the canine properly.

"We've designed a sizing template and basically it's a canvas mock-up of the actual vest," the 36-year-old officer says. "It has adjustment straps for the neck, the chest and the belly, as well as the width of the chest and the width between the dog's front legs."

"Basically, by adjusting the straps and cutting the canvas template, we're able to acquire all of the measurements that we need. It allows us to get a measurement for the shoulder location as well as the length of the vest."

The problem with having a handler simply measure the dog, is that there is too much room for human error, Slater said. The handler may place the measuring tape on the wrong part of the dog's body, measure at different angles, or hold the tape too snug, all of which could make the armour very



Photo by: Pam Steciuk

uncomfortable or render it useless.

"Just telling someone to measure the dog is too subjective," Slater says. "The chance for error is too great."

Since Olaf first donned his custom-fitted K9 Storm prototype in March 1998, Slater's company has grown into a thriving business which is operated by the police constable, his wife Glori and family friend Pam Steciuk collectively.

"We form a very complimentary team," Slater said.

The entrepreneurial trio made the decision to enter the canine body armour business after a trip to the International Association of Chiefs of Police Conference in Utah last September.

While at the conference they spoke with more than 300 law enforcement officers ranging in rank from constable to chief. All of the comments they received were very favourable and the response inspired them to continue making the K9 Storm.

"It was extremely well received and it just sort of encouraged us to take it one step further and formalize our company," Slater said.

But the show had an added benefit. Systems Engineering and Management Company (SEMCO), a California-based miniature surveillance equipment manufacturer, approached the trio and asked them if they'd be interested in designing a blunt trauma vest that would incorporate their camera equipment.

"We're in the prototype stage with them now," the constable said.

The new body armour won't have ballistic capabilities, because it's designed for search and rescue operations. The vests will be fitted with puncture-resistant Kevlar panels that will help ensure that the dog isn't cut or injured during a rescue operation.

Slater is hoping to have the blunt trauma vest ready in time to debut it this month at

Response 99, *Blue Line Magazine's* annual law enforcement trade show.

Once the blunt trauma vest hits the market, K9 Storm Inc., will have three lines of protective gear for police dogs. The original K9 Storm design can be purchased without Kevlar panels, which gives handlers the option of having a tactical carrier with no ballistic protection.

K9 Storm Inc., has become so successful that Slater has had a number of offers from companies wishing to buy his unique design. However, he has turned down all offers because he feels the only way to make sure his vision is realized is to do it through his own grass-roots company.

"I've been approached several times," he said. "Although it's tempting I want to make sure it's done a certain way and the only way I can guarantee that is by doing it myself."

"I don't want to see the design compromised in any way whatsoever because I look at it from a handler's perspective more than a businessman's perspective. I'm not out here to flog a cheap suit that doesn't really work."

As for the future of K9 Storm Inc., Slater is very optimistic.

"What we're going to do is basically try to continue to produce a quality product and be able to offer it to as many people as we can," he said. "I think I would be limiting myself to make a prediction."

Following Response 99, Slater will travel to Quantico, Va., in May where he has been invited to show off the K9 Storm vest at the Force Protection Equipment Demonstration exhibition hosted by the U.S. departments of defence and justice.

While he is overwhelmed by all of the attention the K9 Storm has received over the past year, Slater takes great pride in the fact that the police community has embraced his vision.

"I'm honoured that it has been received as positively as it has."

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"Turn in Your Badge - you can't be a cop anymore"

by Janet Dykstra



Cst. Jim Slater

Now thirty-six, he's paved his way and excelled past the cracks. At the age of twenty-four Jim Slater was four days into field training from Recruit Class # 107 when shotgun pellets showered on him. That day, without instruction, Jim's path began to change.

Jim reflected, "Life changed in a split second... all I heard was a loud blast. Everything seemed to short circuit, like when you pull the cable on the TV and it gets all fuzzy. I'll never forget the sound of that woman screaming just before the blast!"

It wasn't an average threat call. On May 4th, 1987, officers made efforts to calm a suicidal woman who was armed with a shotgun and barricaded herself in her apartment washroom. With absolutely no regard for the officers' lives she was determined to end her own. Bursting out of the washroom without warning the woman charged at the officers, bearing down on them with her weapon aimed to kill. As the shotgun discharged two of the four officers managed to deflect the barrel upwards for safety. This instant moment was all it took to change his life forever. Pellets and fragments ricocheted off the ceiling and Jim felt what was comparable to being hit in the eye with a sledgehammer.

"I told Constable Lofto that I couldn't see. I thought something was in my eye..." he emotionally recalled.

Something was in his eye in addition to the fragments on his face. One pellet struck Jim in the left eye causing a major haemorrhage that couldn't be stopped. On May 17th, after two operations, Jim was discharged from the Health

Science Centre. Doctors told him he had a damaged lens and retina that resulted in blindness to his eye.

"I had a loss of perception doing things like walking and picking up a cup of coffee."

With just two months left in recruit class and only a month after the shooting Jim returned to complete the class. Not absent of pain, Jim's innate strength and courage was now put to the test. Denied full constable status Jim kept his badge and graduated without a firearm. Unsettling, Jim worked throughout the Public Safety Building in various office duties.

Another operation, this time in Toronto in September 1987. Jim wondered if he would ever get his sight back. "For days I lay there having nightmares while they gave me codeine. Finally the doctor approached me and told me the surgery was unsuccessful... then he moved onto the next patient." Jim returned to Winnipeg with the confirmation that he was permanently blind in his left eye. Jim initiated a new plan to get back on the street.

In the spring of 1988 after overcoming much physical and emotional trauma he made a clear choice. With self discipline and determination he constructed his own therapy. He had to prove he could perform all duties of the job.

With every task Jim took on, he surpassed the challenge. The Executive were concerned that his monocular vision would not allow him to possess a Class 4 licence as well as pass firearm standards. Over the next several months he began his rehabilitation. He knew he could do the job but now he had to prove it to others.

Jim was told he needed his Class 4 licence back. After appealing to the Motor Vehicle Branch he received it with a speed restriction. He continued to demonstrate his abilities through a series of hand-eye coordination tests and the Doron L225 Driver Simulation System. Jim succeeded with above average re-

sults and obtained his full Class 4 licence. Now all he had to do was get his firearm back.

Jim proved to be a safe and accurate shooter. He was challenged further and obtained remarkable results. At the world renowned National Firearms Training Academy (Montreal) he was filmed while shooting with live fire ammunition involving armed and unarmed suspects. Only three other institutions conduct such testing - the FBI, Navy Seals and Delta Force. He returned to Winnipeg with a near perfect score.

After more testing which included one-on-one self defence courses Jim blocked counter attacks to show he could defend himself at close quarters. During these tests he was training with the Canine Unit as a quarry. His ultimate goal was to be a handler. Jim quarried in Edmonton at the Canadian Police Canine Trials for other police services. An instructor who worked with Jim for three months observed, "If I hadn't been told about his loss of sight in his left eye, I wouldn't have known it!" Jim Slater effectively learned to compensate for his loss of sight. He couldn't be turned away.

Not only did he meet the challenges, he excelled. He was awarded full constable status. Jim entered the Canine Unit in 1993. Since that time he led his dog, Olaf in point duty to arrest prisoners during the Headingley Riot. The RCMP has recognised Jim's abilities and has been recommended to assist their Emergency Response Team. As an entrepreneur he's also found time to develop a bullet proof vest for his canine partner, Olaf. Contrary to being a "brick in the wall", Jim stands out. He is viewed and respected as a pillar among his peers.

Janet Dykstra is the editor of the Winnipeg Police Service's Spotlight Magazine.

Computer Crime Association formed in Toronto

by Mark Welch



In early 1998, several Toronto police officers identified a need for police and other investigators to have the capability to deal with crimes where a computer was used or where suspects kept records on a computer. After consultation and investigation, they discovered a worldwide association based in California had been formed comprised of law enforcement agencies, private investigators, corporate security officers and the computer science community. In response to this need the Toronto Chapter of the High Technology Crime Investigation Association was founded.

One of the aims of the Toronto Chapter is to obtain the necessary hardware and suitably equipped computers to conduct complicated investigations. This equipment will be available to members on loan when needed and will also be used for training sessions. An assortment of special software utilities have been obtained by the Association for computer and internet investigations. The Toronto Chapter plans to have its mem-

bers evaluate these utilities. We are also aiming to build a spirit of comradeship and co-operation between members that will aid in achieving our goal of the interchange of information and ideas.

Police Officers, Government Investigators, Crown Attorneys and Senior Security Staff of corporations who are engaged in the investigation of criminal activity associated with computers and other advanced technologies are invited to attend meetings. Training sessions dealing with the very latest developments and with the basic principles of Forensic Computing are conducted at the meetings. Frequently top experts from across North America share their experiences and advice with the members at meetings.

On April 8th the guest speakers were Ray Humphreys and Jan Wolynski.

Ray is a Vice-President of C.I.B.C. He is a professor at several universities in the United States and Italy. He has a long career investigating cyber crime and previously worked as Director of Information Technology Security for Digital Equipment Corporation, a large multinational company based in the United States. He was instrumental in apprehending the noto-

rious Kevin Metnick who hacked into the computer systems of several large U.S. corporations, including Ray's employer DEC. Ray was also involved in apprehending the infamous Hanover 4 group of hackers. Ray spoke in detail about these investigations and the techniques used to track and apprehend them.

Jan was formerly an R.C.M.P. officer and Forensic Computing specialist. He helped design and establish the present "Electronic Search and Seizure" courses taught at the Canadian Police College in Ottawa. He now works for I.B.M. Canada as a leading authority on encryption. Jan spoke to the attendees about the various forms of security encryption and how they can, or can not, be overcome by hackers and how agencies should take measures to ensure their own data integrity can not be compromised.

The next meeting is on June 10, 1999, at Toronto Police Headquarters.

For further information on guest speakers check out the May edition of Blue Line Magazine. For more information about the GTA Chapter of the High Technology Crime Investigation Association, see their web page at www.cyberednet.com. Or leave a message at 416-808-5879.

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"From Dream to a Reality" Barrie Police Headquarters



by Nelson Wong



"From dream to reality"—these are the words in the 1990 Annual Report of the Barrie Police Service. In the months and years prior to the doors opening at the new Barrie Police Headquarters in

February 1993, many employees believed that a new facility would never be a reality. In fact it was more than a decade prior to opening day when the Ontario Police Commission expressed initial concern over the inadequate working space of the Barrie police staff. They had to share their cramped quarters with the fire department located in a marginal area of the city.

This appears to be the typical scenario of most police departments who have gone through the process of realizing a new facility, which is:

- Years of adapting to cramped and dysfunctional space
- Police Service Board accepts need for space
- Feasibility Study defines the specific police user space requirements, site area and project cost
- Council approves of the report recommendations
- City staff implement the recommendations by setting up committee(s) to:
 - Evaluate alternative sites followed with a site selection and purchase
 - Select an architect to provide the design services
 - Tender and award project construction to a general contractor
 - Monitor/administer the construction process
 - Select/purchase furniture and arrange for moving to new facility
- Opening Day!

Anywhere along this way, the "Dream to

Reality" link could have been broken. In Barrie it took the dedicated will of the police and the community to make this dream a reality.

The Need

Barrie Police service/staff size is generated by population demands.

There is tremendous population growth in Barrie. The original number of 60,000 in 1989 has swelled to 90,000 within 10 years. Twice the rate as originally predicted. A cause is the thrust of people who work in the Greater Toronto Area and have moved to Barrie to reside. There is significant growth of Industrial and commercial development around the major vehicular corridor of Highway 400. Further, Barrie is at the crossroads where summer and winter vacationers pass by on route to recreational areas to the north. They stop for food and gas at Barrie.

The Site

It was decided that the new site should be located where the emerging and future development is growing in the outskirts of the downtown area.

Vehicular access from this site to Highway 400 and main local streets was an important consideration.

In this context, the Barrie police staff had to provide service not only for pressing current demands but also for significant future needs.

The new police facility located on Sperling Drive addresses these needs as follows.

Community Based Policing

At conception time in 1989, there were the beginnings of the Community Based Policing philosophy: a partnership between the Police and the Community. Police Chief Delcourt articulated this in the 1990 Mission Statement for this new headquarters: "The mission of the Barrie Police Service is to work with the public to make our community safe. We believe that our new headquarters will serve as evidence of our commitment to this partnership."

This attitude had to manifest itself physically in the new police facility through a positive police-community presence. By conceiving this facility as a civic building from the macro and micro context this presence was expressed.

The Exterior Presence

The building has two main vantages from:

1. The Highway side
2. The Entrance side

1. The Highway Side

The site is adjacent to Highway 400 just north of the Highway 27 Exit. It was important for the building to have an identity from Highway 400. This was achieved by having the 3rd floor mechanical penthouse positioned diagonally to this highway.

A large sign of the Barrie police symbol was placed on each of the angled walls facing the highway. Motorists in both directions can see these backlit signs at a distance during the day and night.

There was also the strong visual impression of the horizontal asphalt highway and the overhead bridge forms.

The horizontal precast concrete and brick bands of the three building levels and the second level precast concrete overhang projection above the lounge/lunch room integrated the horizontality of the building and highway forms.

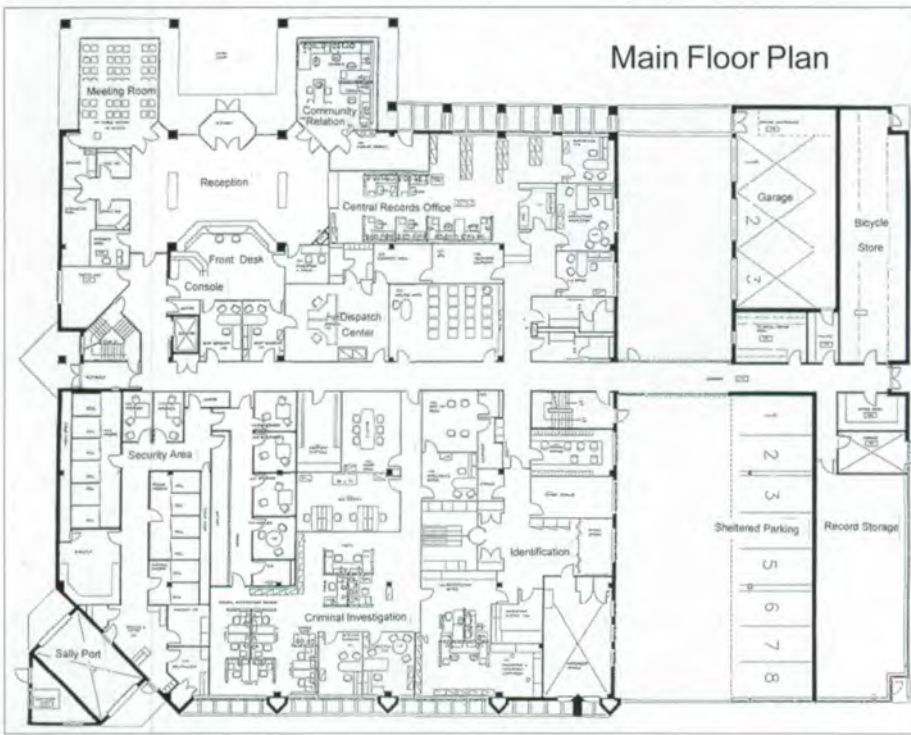
2. The Entrance Side

As one approaches, the building is identified by the main public spaces which were pulled forward as close as possible to the street. These architectural elements were aligned on axis with the north access route of Sperling Drive and terminated the vista.

Specifically, these two public pavilions are the Meeting Room and the Community Services office, which flank the open forecourt of the entrance. This forecourt allowed people to gather or sit at the sheltered exterior benches.

Within the central reception area is the front

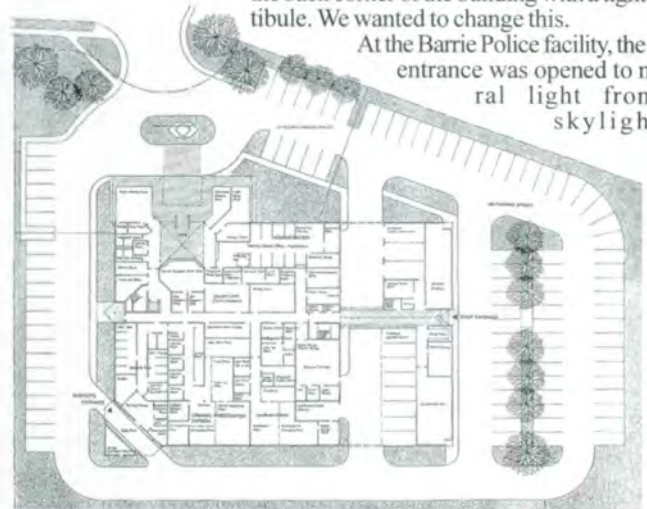
Main Floor Plan



The Police:

In the past, many police buildings were not planned with due consideration for the front-line officer. Their entrance was tucked away in the back corner of the building with a tight vestibule. We wanted to change this.

At the Barrie Police facility, the staff entrance was opened to natural light from a skylighted



Second Floor Plan

counter all opened to natural light of the skylight. This glazed atrium is visually connected with the second floor reception area of the police chief's office. Views to the lobby from this level are afforded.

In front of the building was a loop road that accommodated the drop off at the entrance and visitor parking area.

Particular concern was given to the physically challenged persons with dedicated disabled parking spaces, walkways, sloped curbs, close to the automatic button access to the main doors, and a wheel chair accessible water fountain within the reception area.

Part of the Community Based Police concept was that the police facility had to feel like it was part of the community.

We looked at Barrie's main street character. The selected architectural elements such as park pavilion (band shell), sloping roofs, porches, warm accent brick bands were composed at the public area that gave the feeling of

warmth and welcome.

Although inviting, the entrance is protected against a potential frontal vehicular assault by the use of the concrete base of the sign box.

The Interior Presence

The Public

The programme requirements called for an integration of community and police functions. The spatial relationship of this facility had to accommodate the graceful reception of the public, the direct circulation to the Community Service Office, the accommodation of children finger printing, or to one-on-one private meetings on personal matters. If there were a large assembly of people for a civic function, directly off the entrance was a need for a foyer, a meeting hall, with related kitchen and washrooms. These functions had to be done without interfering with the police operations.

These functional requirements were accommodated in the plan.

walkway with a glazed corridor to the operational area. The lunch/lounge area was given a panoramic view of Highway 400 with a trellised sheltered patio for outdoor eating and smoking. There are also men and women saunas.

The police are involved in a stressful vocation. All these features assisted in relieving them of stress so they can be more effective in their work.

Barrie is in the snow belt zone. A sheltered parking area was designed for police vehicles, that could be used immediately for emergency situations without delays from snow removal.

The Suspect

An important matter was the processing of suspects. The suspects' entrance was located away from the main public entrance but close to the police operational area.

For the security area, features that facilitated the suspect processing included:

continued page 12

- Control console of station duty officer for door access, monitoring whole sequence of suspect processing as well as cell activity,
- Drive-through sally port allowing the moving of vehicles efficiently and safely forward,
- Close proximity of the security area to the duty officer at the front desk for mandatory cell checks,
- Close proximity of the security area to the Investigative Department for interviewing suspects,
- Interview rooms and line up room within the security area,
- Terrazzo strip for the testing of sobriety,
- Emergency strips along the walls to get quick assistance anywhere within the secure area.



Further, changes in staff and their offices required an interior signage system that was flexible too. The selected door signage system facilitated the change of personnel/titles and room names by removable sign bands.

The above design strategies along with the increased floor area based on the projected 212 total staff should allow for the accommodation of the spatial needs beyond the year 2009.

Current Context

However other current factors, unknown then, could affect the satisfactory accommodation of the Barrie Police Service now.

Since opening day, Barrie's population has already increased to 90,000 in year 1998, 10 years ahead of the estimated projection time.

Further, because of the provincial changes in legislation affecting policing of rural areas, there is the restructuring of Ontario and municipal police departments.

These factors may affect the Barrie Police Service and consequently impact upon the spatial/functional needs of the headquarters facility.

Feed Back

With the building being in operation for five years, we now have the opportunity of hind sight. Bearing in mind the above influences, we can now determine how this facility is functioning and what has changed, or needs to be changed, that has/would affect this facility now and in the future.

In any event, the dream has been realized!

For this project, Nelson Wong Architect Inc. was the prime consultant providing full services in joint venture with local firm Malcolm and Boyko Architects. For further information contact Nelson Wong at 416-657-1048.
E-mail: nelsonw@spidercom.net
Web pg: www.spidercom.net/nwai

A LOOK BACK BLUE LINE NEWS WEEK 19 July 1997

Disturbing surveillance of dangerous offender

BARRIE, Ont. (CP) - Barrie police trailed a sex offender round the clock for three months to gather evidence, but it was a car accident that finally gave them what they needed.

William Arnold Johnson, a convicted pedophile, was recently declared a dangerous offender and sentenced to an indefinite jail term. He will remain locked up until the National Parole Board deems him fit for release.

He was convicted of stalking and sexually attacking young girls.

In an effort to put Johnson behind bars, the Barrie police force engaged in one of the most disturbing surveillance programs it has done, said Det. Randy Carson. Police watched as Johnson hung around playgrounds and strolled through forests in search of young girls.

On March 2, 1987, Johnson was sentenced to seven years for sexually assaulting a Barrie girl in a wooded area. He subsequently appealed the sentence and had it reduced to 4 years.

After serving about three years, Johnson was back on the streets of Barrie in July 1990, and city police - who had not known about the appeal and reduced sentence - had absolutely no idea. A protocol to inform police of the re-entry of a dangerous criminal into the community had not yet been implemented.

The discovery of Johnson's freedom started city and provincial police on a joint 24-hour surveillance program.

Police were convinced they had a perverted, harmful pedophile in their midst. They followed Johnson to parks from Aurora to Collingwood.

"We knew everywhere he went," said Sgt. Jim Farrell. "He knew where every school ground was, every patch of playground and - this is what was scary - we couldn't anticipate what he was going to do."

It was while ogling girls in Aurora that Johnson's perverse preoccupations shattered. He crashed his car.

A uniformed officer suspected Johnson of drunk driving and searched his car, finding an imitation .38-calibre handgun and a balaclava.

The entire vehicle was seized on the spot and towed to Barrie. Police found vaginal douche, a police scanner with an earpiece, a wig, plastic sheets and a Polaroid camera.

On Sept. 2, 1992, Johnson was arrested.

A search of his home turned up notes on the children he was watching. He recorded their names, where they lived, what they were doing and when their parents were around.

He was declared a dangerous offender based on two attacks that occurred before the surveillance.

Johnson was sentenced to 12 years separately on related charges after being declared a dangerous offender.

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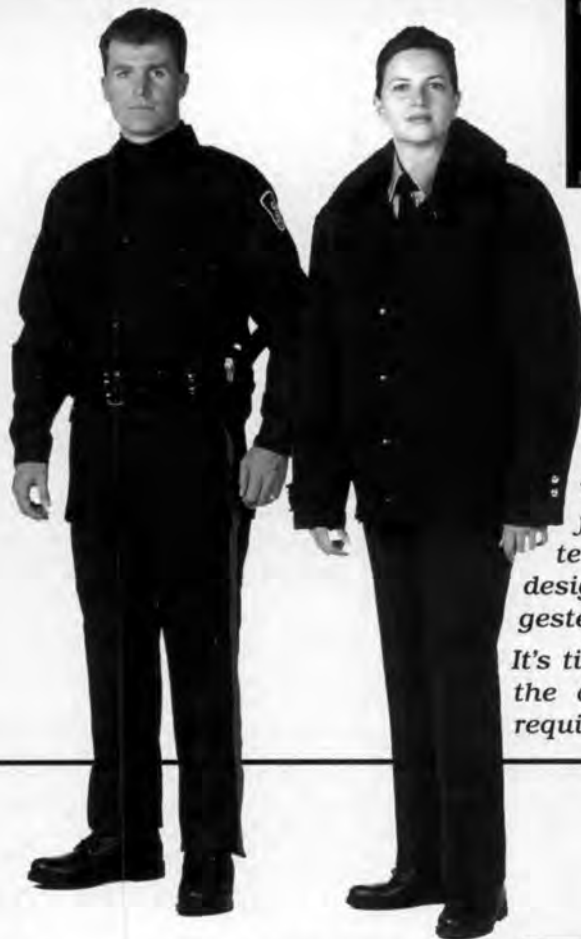
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EMERGING TECHNOLOGIES

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 announce a new section to the **Response 99** Trade Show. The "Emerging Technologies" section 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.

Virtual Reality has come to tactical take-downs



Emergency response personnel can now have the ability to use a telescoping video probe to view around obstructions or search under vehicles. The probe can also be viewed through virtual video goggles to ensure recognition of minute details.

The *Vision Plus* video probe, invented by Concord, Ontario based A&A Robotics Development Inc., features a telescoping probe with enclosed controls as well as illuminated push buttons for instant camera selection, recording, power (on-off), battery condition indicator, and wireless audio/video transmission.

The telescoping probe retracts to 52 inches (132cm) and extends to 122 inches (310cm). With the addition of a detachable extension probe it extends to a total length of 240 inches (610cm). Optional elbow attachments are also available to increase the unit's versatility in hard to reach situations. In spite of this it weighs only a little over 8 lbs. (3.5kg.) including batteries and the carrying belt for them.

The *Vision Plus* unit head consists of three colour cameras with 470 TV line resolution and electronic auto-iris which is non-flickering. The cameras are also back light fully automatic compensating and possess electronic zoom which is capable of focusing on moving objects. One camera is infrared IR BW with high-resolution for inspection in total darkness.

The Virtual "I-Glasses" consist of a distortion free head-up, see-through display which is equivalent to an 80 inch TV screen. The head set also includes stereo RCA input giving the user

a true audio and virtual look around barriers.

Optional accessories include remote 6 inch flat, colour screen and a 197 inch display extension cable. The unit is also capable of wireless remote transmission with a transmitting range of up to 2,000 feet.

In addition to use in high risk tactical situations the units would be useful for such things as large container inspections and vehicle undercarriage inspections.

Try it out at the *Response Trade Show*. For further details contact A&A Robotics 905 761-2039 Fax 905 761-2040

On scene data collection pack should eliminate fieldnotes



Commacom Inc. of Caledon, Ontario, has the perfect solution for on-scene data collection with their *CADDIE* harness system. This versatile and innovative unit can be worn by accident reconstructionists, homicide investigators or forensic crime scene analysts to name but a few.

This lightweight unit is comprised of a harness system that provides hands-free mobility for the person collecting data. The user can collect data directly into a ruggedized computer, audio transcribe/record, videotape the scene, and keep up radio communications simultaneously. All fixtures are weather and environment resistant and a complete power pack ensures consistent power supply with ease of power pack switching.

Commacom will make this unit available to attendees of *Response 99's* Emerging Tech-

nologies section and all are invited to give their opinions and feedback. For further information call 905 880-2233 or Fax 905 880-7042.

Computerized face identification available



UnMask is the world's first commercially available face recognition system. Invented and developed by Quebec-based VisionSphere Technologies Inc., this technology has been in use since 1996, by the state of West Virginia to reliably prevent identity

fraud among driver's license applicants.

Available as a library for application developers, *UnMask* performs identity verification based on two digital images of a person's face, and can reliably confirm or reject the identity of a person despite changes in age, facial expression and hairstyle.

The installation in West Virginia demonstrates that *UnMask* is capable of reliably comparing facial images from over 80 entry stations, each with different operators and a wide variety of ambient lighting conditions. VisionSphere plans to perform further testing on even larger databases of individuals in the near future.

Every face verification or recognition system must rely on the same three steps:

- Face detection and location of key features (usually eyes)
- Extraction of relevant information (usually called feature vectors)
- Comparison of extracted information (verification, one-to-many, etc.)

UnMask's unique approach

With the goal of constructing the most reliable and robust face recognition system possible, *UnMask* takes the simplest and most effective approach to the three steps mentioned above. Initially, *UnMask* locates the eyes in the image starting from an approximate center position marked by the operator. This technique requires minimal user intervention and is 100 % reliable. Although VisionSphere will soon release an automated eye-finder, this is not necessarily desirable in certain applications, particularly where an operator is required to con-

EMERGING TECHNOLOGIES

concentrate on the task at hand.

Next, *UnMask* crops and normalizes the image in a unique way to provide excellent invariance to shifts in lighting, head rotation, facial expression and hairstyle. The image has now been made comparable to other face images and is ready to be analysed.

For the second stage of the recognition/verification process, *UnMask* uses a unique combination of discrete biometric analysis and VisionSphere's proprietary *Holistic Feature Coding* (HFC). This provides two sets of strong discriminating factors by which to compare faces. As a result of these two techniques, the system is capable of very high confidence rates and requires less than half a second to process each individual.

Finally, *UnMask* makes the comparison of the two feature vectors, using a normalized distance function. This function stresses the significant differences between faces (based on studies done by VisionSphere), and is another important factor in the system's high confidence rate and excellent speed.

To extend the capabilities of *UnMask* into further applications, VisionSphere has developed *UnMask+*. This product combines the robust and powerful face recognition technology of *UnMask* with an automatic interface and several powerful search tools.

UnMask+ introduces the following capabilities:

- Automatic face detection and eye location
- Fast one-to-many and many-to-many search capabilities
- Database scrubbing (automatic redundancy minimization)

For more detailed performance specifications, contact VisionSphere Technologies at 514 843-5212 Fax 514 843-5272. Visit *Response 99* to view the product.

Automate your Forensic exhibits



Winhurst Technologies Inc. is proud to present *BPID™*, a family of digital tools designed exclusively for use by law enforcement agencies. *Biometric Positive IDentification™* uses the most advanced hardware and software technology available to provide exceptionally affordable systems for police forces of any size.

Feel free to drop by the Winhurst booth at *Response 99*, and see how *BPID™* works in live demonstrations.

BPID™ Ten Print Terminal

A Ten Print scan and display system, which uses ultrasound to provide the best quality im-

ages from live scan plain impression scans. Automated, maintenance-free, and easy to use, all ten fingers can be processed within a few minutes. In verification mode, the *BPID™ Ten Print Terminal* will locate individual fingers electronically and automatically, without any assistance from the operator.

BPID™ Minutiae Marker

An annotation tool used to prepare digital images for presentation to courts and juries. Using a PC and a mouse, simply mark points of minutiae on fingerprints, footwear, or tires and printout the results within minutes.

BPID™ 3D Viewer

This futuristic application presents flat images in 3D space, using virtual reality. An operator can view, zoom, and rotate images from any angle, or flip images upside down to view the underside. It allows you to virtually fly through the ridges and valleys of actual fingerprint data, and view image data in a way that has never been seen before.

BPID™ uses a modern and reliable live scan plain impression scanner from Ultra-Scan Corporation. Ultrasound provides the clearest and cleanest images possible, unaffected by the dirt, greases, and grimes often found on fingers and platen. The sealed unit is maintenance free, and the platen does not require periodic cleaning. The *Ultra-Scan* scanner has the highest image quality of any plain impression scanner available meeting RCMP requirements."

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D.I.S.C. program responds to community concerns

A Vancouver Police initiative that incorporates an innovative software program designed to target and track the sex trade consumers as they move from city to city. This program involves the day to day cooperation of front-line officers and the utilization of simplified and grassroots technology. Most importantly an integral part of the program encourages inter-agency cooperation. This cost sensitive program is ideal for communities concerned about the sex trade industry. It utilizes a simple database structure and is linked to other communities through secure internet connections. Cities already involved in the program include Vancouver, North Vancouver, Port Moody, Calgary and Sudbury. Many others are looking at the concept and *Response Trade Show* attendees are encouraged to check out



this emerging program and be prepared to give feedback.

For further information contact Oscar Ramos at 604 717-2678 Fax 604 717-3232.

Digital fingerprinting increases accuracy



CPF Systems Limited is a Research and Development Company in Ottawa which has designed and developed a system of capturing

a rolled fingerprint digitally. The unique system can obtain high-resolution images to greatly improve the quality of rolled fingerprints.

A fingerprint capture system, can obtain a high resolution rolled fingerprint image, enhance it, scale it to a standard fingerprint form size, digitally store it and send it to a search database. The unique system can obtain a high-resolution image, which greatly improves the quality of rolled fingerprints to be searched in Law Enforcement databases. The system also captures the 4 finger and thumb prints for verification and reproduces the C-216 form.

By capturing such a high quality fingerprint and using customized enhancement software, the quality of data being submitted for search ensures a faster and more accurate match from files.

The enhancement software can prepare the image before search and reduce time normally taken in preparing images, which may be of inferior quality. The rolled fingerprint is captured directly to the correct location on the ten-print form and if the captured print is not of sufficiently high quality, then by double clicking the mouse, a better print can be selected.

For information contact:

Robert Langford CPF Systems Limited Tel: (613) 737 2112 Fax: (613) 737 0229 E-mail: rlangford@cpfsystems.com Web Site: www.cpfsystems.com.

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EMERGING TECHNOLOGIES

Durable martial arts body protection



Convinced that the current martial arts chest protectors on the market were not permitting martial artists and law enforcement officers to reach their full potential, a Laval, Quebec company called Mawashi Inc. made a commitment to invest time and energy in order to produce a more lightweight, durable and inexpensive chest protector.

The result of this research and development is the H.I.2000 Professional. The H.I.2000 Professional was developed by Mawashi's in house designers with the collaboration of the National Research Council Canada (NRC) as well as reviewed by the Canadian Police Research Centre (CPRC). Two years in the making, Mawashi utilized the same technology applied in today's most advanced running shoes and hockey equipment that professional athletes already rely on.

The H.I.2000 Professional features an anatomical flex design for enhanced flexibility and is constructed of lightweight, durable polyurethane. The H.I.2000 Professional is composed of a total of seven individual layers, each serving an important role to provide the maximum amount of protection without losing the freedom of movement.

The first layer is an exterior skin, composed of a highly durable unique vinyl which repels against damaging UV and is scratch resistant. The second layer is a cross-linked fibre, which can deflect initial energy. The third and fourth layers are composed of a unique absorbing foam, one thermoformed with spring action memory and the other are the strategically located "abs" designed as a reinforcing buffer for superior shock dispersion. The impact shield is engineered to channel energy away from the impacted area.

The sixth layer is a flexible insulator, which contours to your body and offers excellent comfort and mobility.

The last layer is a special interior skin that is actually anti-fungus and anti-bacterial which makes the H.I.2000 Professional a low maintenance product.

Unlike other protective equipment the H.I.2000 Professional possesses a unique feature unmatched within the industry; the ability to be struck with heavy objects such as the PR-

24, expandable batons, steel toe boots, or any other hard objects. This allows self defence situations to be as realistic as possible.

Contact Mawashi Inc. at 450 682-4441
Fax 450 687-8979. See the product at *Response 99*.

Stolen cars can now report themselves to police

A Quebec company has developed a hi-tech solution to reporting a car stolen. Let the car itself report to the police.

This innovative idea, called Kolumbo, is the brainchild of Yvette Noel. The hardware consists of a low-cost transmitter installed in a car and a receiver unit built into police cars. The transmission device is activated if the car is taken without the owner's authority. The unit then transmits its full identity, including make, model, colour, licence number etc., in a broadcast that radiates for 300 metres in all directions. Specially equipped police cars with the receiver unit installed will pick up the transmission as soon as the vehicle comes within range and will alert the officer by posting all the pertinent information onto the police car's computer terminal.

For further information call 506 753-5732. or see all the products at *Response 99*.



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"Rock Solid" teaches students to deal with bullies

by Floyd Cowan

Even before Reena Virk was beaten and murdered by a mob of teenagers on November 14, 1997, the Police Departments of the Greater Victoria area were concerned about the rising level of violence in district schools. Violence, threats, intimidation, weapons, aggressive behaviour, swarmings and robberies were some of the many problems kids face in schools.

"In the fall of 97, there were a number of incidents where groups of students were going from one school to another and causing problems," Esquimalt Cst Tom Woods explains. "There were weapons involved and we were concerned with the escalation and the intensity of the violence. We held a meeting of the local police departments, Victoria, Esquimalt, Saanich and Oak Bay, and the RCMP to see what could be done."

What they were looking for were innovative ways of dealing with the problem. Students were being victimized by bullies and the police felt they had to put a stop to it. "At the time there was already a programme in place called 841 KOZ which gives kids the opportunity to use a 1 - 800 line where they can report something that has happened. They can be anonymous, but still make a difference." Although Cst Woods acknowledges this is a very positive programme he could see that more needed to be done.

"What I felt we had to do was change the attitude of the kids. All of their life, from their



Esquimalt Cst Tom Woods proudly displays the "Rock Solid" police cruiser. The vehicle is one of several programs recently introduced that has made a strong impact with young children in the greater Victoria region.

friends, from stories, from movies and TV, they've been told that being a rat or a tattletale is bad, and they don't want to be a rat. We want them to understand that being a responsible person, providing information and not being intimidated by these cowards, is not being a rat, but is how a mature person responds."

Getting that message across to kids, and breaking a life time of learning could prove to be a difficult thing to do. "We know that guys in sports are thought of as being cool," Cst Woods continues. "I played lacrosse with Cst Grant Hamilton, on the Victoria Shamrocks and we won the Mann Cup, and there were other officers from the other jurisdictions that were involved in sports too, and I thought if we could

get these guys talking to the kids that we might be able to get the message across to them."

They developed a programme, dubbed *Rock Solid*, where they use meetings talking with the students, skits and role playing, rock videos, comic books, an appeal to national pride and whatever it takes to get their message across.

The first part is the interactive phase. They began holding meetings in the school to talk to the students about their problems, sometimes in very direct and blunt language. They put on skits and performances that demonstrate how to take a stand against bullies. "If you are a Canadian and you're proud of it then you try

(continued...)

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and make a difference. You don't back down from difficult situations," Cst Woods tells them. They use examples from real life situations where kids have been beaten, and they do make an impact on students. "You can see the relief on the kids faces when they are told that it is okay to come to us with information that they have. They want to be told that it's okay."

The 15 officers participating in the programme have talked to 35,000 students in the year and a half that it has been in operation. Now, most of the calls to the 1-800 number come from the Greater Victoria area and there has been a decline in violent incidents in the schools.

When Reena Virk was murdered and her body left in the water under a bridge for over a week it shocked the entire country, but the pain was felt deepest in the city. Cst Woods becomes very serious when the subject is brought up.

"We were scheduled to go to her school one week after this occurred. I wonder if we would have made a difference if we had gone there one week before it happened. We now know that it wasn't just kids that knew something had happened, but there were parents that were aware of it too. And nobody came forward. Now when we hear anything at all we follow up on it."

At the school meetings they get the kids involved in the skits, they give away free water bottles that have been provided by *Thrifty's Foods*, they give away t-shirts and tickets to the Victoria Salsa hockey games. "We use the Salsa hockey players in the skits, they're the bullies." Cst Woods adds with a smile. "We tell them standing up to bullies takes courage and maturity and intestinal fortitude."

The underlying message is that it is cooler to stand up to the bullies than to knuckle under to them and the result is they are getting disclosures about what is going on with graffiti, prostitution and violence in the schools.

"We talk to grades 4 to 12 and we don't change our method or our language. We use words that they understand, very in-your-face language. We call the bullies cowards. And they are. They will never pick on someone they can lose to. They will cry like babies when they are brought into a room and questioned about what they've been doing. And we ask the students "what is the biggest gang in the world?" We get a lot of answers, the Hell's Angels, the Mafia. We explain to them that they are wrong. The Police are the biggest gang in the world and we tell them to get this gang on their side."

Woods is concerned about American style violence moving north to Canada. "We should never be to the point where we have uniformed officers keeping law in our schools. We should learn from the mistakes our American friends have made, but we don't need their solutions to our problems, we need our own approach. Everything we use in *Rock Solid* is Canadian, with Canadian talent and resources. The Canadian aspect is essential" he states. "We live in the greatest country in the world and we are a nation of people who want to make a difference."

Helping to keep their "Witsup"

The *Rock Solid* programme has been making a big impression but they feel they need to take their message to an even younger group. "We want to get to students in grades one to three, where their attitudes are developed, so

we've come up with a comic book. The hero of the comic book is "WITSUP the Walrus", who is a very loveable creature. Each letter stands for something. The W - Walk Away, I - Ignore, T - Tell them to stop, and S - Seek assistance. Locally we have found a lot of students don't know the meaning of seek, so we've changed that to Supervisor, which they all know."

This phase of the programme has been developed with Judi Stevenson, an elementary school principal at Lampson Street School. The package is fun for children and it encompasses many necessary components in the personal development and safety aspects of what is already taught in schools.

WITSUP is a series of twelve minute cartoons featuring the loveable creature who is in grade two. WITSUP was an ordinary walrus frolicking about in the harbour one day when he saw a little boy on the beach crying. The boy put a note in a bottle saying, "I am so sad and scared about the bullies and violence in my school. I'm afraid someone is going to get hurt. Is there anyone out there who can help me....please?"

WITSUP is moved by the note and he takes it to King Neptune and says that he wants to do something to help. Neptune gives him special powers. He gives him legs and he is dressed up. He wears 'Calvin Clam' underwear, 'Pike' running shoes, 'Tommy Tuskfiger' clothes and he has the power to help human kids learn ways to be safe and deal with violence. The King gives Witsup a special tool called a "Clam-atron" that enables him to freeze unpleasant situations so that he can give kids a message on

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how to deal with the problem.

Once the scene is frozen WITSUP activates a button on the Clam-a-tron and WITNEY a beautiful mermaid appears. She is a hologram and the first thing she always says is, "Whatsup WITSUP?" WITNEY is very cool and knows all the answers to every difficult situation. WITNEY has friends whom she downloads because they can help with specific situations. Kreskin the Coho, Houdini the Halibut, Daphane the Dolphin and Rod the Cod provide the appropriate response which is whispered to the child in trouble, then they disappear. The child then knows how to deal with the situation.

Six to eight cartoons will be developed with the problem the child faces changing in each situation. The solution is always one of common sense and without violence. The programme is being tested in Lampson Street School and it is expected to go district wide in the fall of 1999.

"We've started using this in eight classes and so far the kids have been very receptive. They need someone to tell them it's okay to go to a supervisor with information, and they don't have to be a victim to these bullies," Cst Woods states.

For further details call Cst. Woods at 604 385-1441 or Fax 604 388-6248.

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Registration of firearms - police agency requirements

by Susan Archer



Canada's Firearms Act is being phased in between December 1, 1998 and January 1, 2003. The Firearms Act establishes a licensing system for firearms owners and users, a universal

registration system for firearms, and Criminal Code amendments that strengthen the penalties for the illegal use of firearms.

The goal of the registration system is to support the law enforcement community in controlling and preventing crime. The registration of all firearms, for instance, will enable police officers to more easily distinguish legally owned firearms from those that have been illegally acquired.

All firearms owners are required to register all their firearms in the Canadian Firearms Registration System (CFRS) by January 1, 2003. Police officers are not required to register their issued firearm. Instead, all police agencies will have to record their firearms into the new system.

Recording of Firearms

As mentioned above, each police agency will be responsible for reporting their firearm inventory, as well as any newly acquired firearms, to the Registrar so that they may be recorded - not registered - in the CFRS. Registration certificates will not be issued for these firearms.

It is the Public Agents Firearms Regulations that require police agencies to report all firearms to the Registrar. Some sections of these Regulations, namely the provisions on safe storage, the issuance of the Agency Identification Number, training, and reporting lost or stolen firearms, came into effect on December 1, 1998. The

implementation of the remaining provisions, such as all reporting requirements, was slated originally for April 1, 1999, but that date is expected to be delayed. Police agencies, of course, will be fully informed of deadlines and methods of reporting.

When the Regulations come into effect, all police agencies will have a year to report their inventories of both agency and protected firearms.

An agency firearm is a firearm that a police agency owns for use by its police officers. A protected firearm is a firearm that has come under the care and responsibility of a police service - for example a firearm that is found, surrendered or seized.

When a police agency reports any firearm to the Registrar, it will be recorded under their Agency Identification Number. Currently, to get an Agency Identification Number a police agency must send a request by fax to the Canadian Firearms Registry at (613) 993-0892. In their request they must include the agency's name, address, telephone number, facsimile number and E-mail address (if any), as well as the name of a contact person. The agency will then be issued a number. When reporting its inventory, a police agency will need to provide its name, Agency Identification Number, as well as information on each firearm. Forms for recording firearm inventories, whether paper or electronic versions, will be provided to the police community later this year. As mentioned above, police agencies will have the information and the time to prepare fully for the implementation of these Regulations.

Police agencies will also have to report any newly acquired firearms, whether agency or protected, to the Registrar.

An agency will have to report any newly acquired

agency firearms as soon as possible. An agency will have to report any newly acquired protected firearm within 30 days of coming into its possession, or before its transfer or disposal, whatever comes first.

Again, the agency will have to include its name and Agency Identification Number, as well as information on the particular firearm. If the firearm is a protected firearm, the police service must include in its report whether the firearm was found, detained, seized, surrendered in an amnesty or otherwise surrendered, as well as the case or file reference assigned to the firearm, if applicable.

Again, forms and methods will be provided to all police agencies later on this year. It is important to remember as well that there is no fee for police agencies to record any firearm with the Registrar.

Registration by Individual Firearms Owners

If you own or use firearms recreationally for hunting, target shooting, or collecting, for example, you must have a firearms licence (a valid Firearms Acquisition Certificate, or FAC, is considered a licence until it expires) and register all your firearms. Licensing and registration began December 1, 1998. Firearms owners have until January 1, 2001 to get a licence and until January 1, 2003 to register their firearms.

Firearms licences are good for five years, at which time they must be renewed. A registration certificate will be issued for each firearm that you own. A certificate is good for as long as you own the firearm, unless you modify the firearm so it changes class, for example from non-restricted to restricted. You must have a firearms licence (or a valid FAC) to register your firearms.

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Registration of Non-Restricted Firearms

As mentioned above, you will have until January 1, 2003 to register all the non-restricted firearms (most hunting rifles and shotguns) that you had when the law came into effect. Any firearm acquired after the commencement date is a "transfer" (see below).

If you register your long guns in the first year following implementation (December 1, 1998 to November 30, 1999) it will cost you a flat fee of \$10 for all the firearms that you register at the same time (you can use as many application forms or photocopies as you want, but they must be mailed in the same package). This fee will rise on a sliding scale to a maximum of \$18 on September 1, 2000. You will only have to pay once to register your firearms.

Restricted and Prohibited Firearms

If you have firearms that were registered under the former law (primarily handguns), you must re-register them into the new system also by January 1, 2003. Basically, this will take the form of updating your personal and firearm information. Again, a certificate will be issued for each firearm. It is important to remember that there is no fee involved in re-registering your firearms.

Newly Acquired Firearms

Under the Firearms Act, to buy, barter, or give a firearm is considered a "transfer" of the firearm to a new owner. As of December 1, 1998, to acquire a firearm, an individual must hold a valid FAC or a Possession and Acquisition Licence.

There are two key steps to the transfer process. All transfers must be authorized by your provincial/territorial Chief Firearms Officer, and the firearm registered to the person receiving the firearm - the new owner. Both steps in the transfer process can be conducted by filling in an appli-

cation form or by giving information over the telephone.

You can get an Application to Transfer and Register Non-Restricted Firearms (JUS 682) or an Application to Transfer and Register Restricted and Prohibited Firearms (JUS 681) by calling the Canadian Firearms Centre toll-free at 1 800 731-4000 or by printing them off the CFC Web site at www.cfc-ccaf.gc.ca under "Forms and Assistance in Applying". To transfer a firearm over the telephone, again call the CFC toll-free and a client service agent will guide you through the transfer process.

For each firearm acquired after December 1, 1998, it will cost the new owner \$25. This fee covers the cost of processing and issuing a registration certificate to the new owner.

Application Forms

Application forms for licences and registration certificates are available at your local post office, by calling the CFC toll-free and by printing them off the CFC's Web site. As an individual firearms owner, the forms you require are the:

Application for a Possession-Only Licence under the Firearms Act (JUS 669); or, Application for a Possession and Acquisition Licence under the Firearms Act (JUS 670); and, Application to Register Non-Restricted Firearms (Long Guns) (JUS 675); or, Application to Re-Register Previously Registered Firearms (JUS 677).

Once you fill out the forms, mail them to the central processing site (a pre-addressed envelope is included with the forms). Your licence and registration certificate will be issued to you through the mail.

For further information, or to order a copy of the Firearms Act, contact the CFC at:
Telephone: 1 800 731-4000 (Toll Free)
Web site: www.cfc-ccaf.gc.ca E-mail: canadian.firearms@justice.x400.gc.ca.

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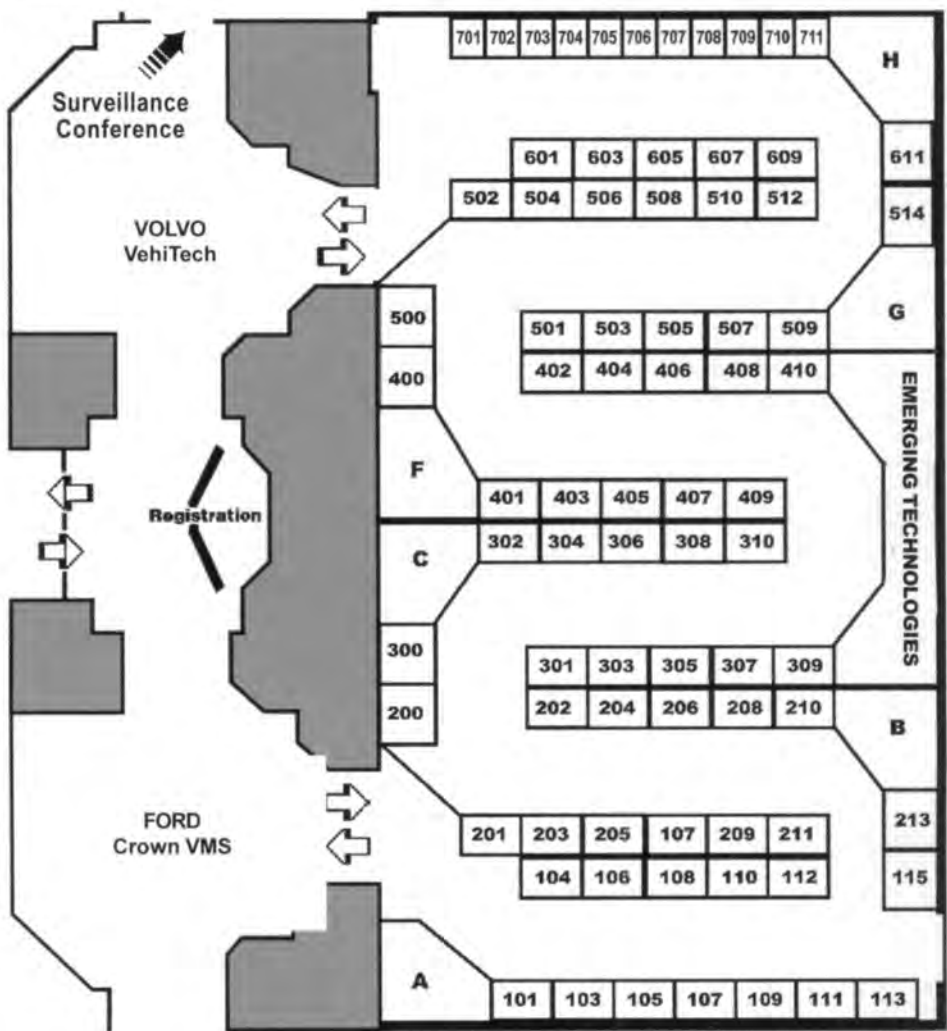
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Atlantic Police and Security Supply Ltd. Exhibit 201

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Blue Line Magazine Exhibit 203

Books that are featured on the reading library page in *Blue Line Magazine* will be for sale. Also pick up any back issues of *Blue Line*.

See Ad on page 47

Bock Optronics Inc. Exhibit B

Displayed will be a variety of new surveillance devices for covert applications, video cameras, wireless transmission systems, special optics and lenses, video encryption system, night-vision cameras and scopes, image enhancement products and video/audio recording systems.

See Ad on page 17

Canadian Forces Liaison Council Exhibit 204

The Canadian Forces Liaison Council (CFLC) promotes employer support for the Reserve Force. Employers can enter into a "profitable partnership" and benefit from the job skills and work values that military training provides to reservists. CFLC comprises senior business executives from across Canada assisted by a network of military members. Currently over 2600 employers have gone on record and signed a Statement of Employer Support for the Reserve Force with the CFLC. In addition, more than 500 employers have provided a copy of a formal Human Resources policy that provides

for military leave for their personnel who are military reservists.

Canadian Police Association Exhibit 404

CPA will feature their website. Also available will be sweat shirts and T-shirts along with other CPA paraphernalia.

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Electro Optics Canada Inc. Exhibit 509

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Flex-O-Lite Canada Ltd. Exhibit 200

Featured will be traffic safety products that are related to police use: flares and fuses, flashing lights, safety clothing, traffic cones and signs.

See Ad on page 22

Flying Cross by Fechheimer Exhibit H

Flying Cross by Fechheimer will feature its newest GORE-TEX Spectrum Ultimate Jacket at *Response 99*. The Spectrum(r) is a windproof, waterproof, and breathable jacket made with GORE-TEX fabric and a soft, quiet, supple 3-ply Supplex outer shell. The Spectrum Ultimate is Flying Cross' most comfortable jacket with uniquely patterned raglan sleeves and a bi-swing back for maximum mobility. Other features include a zip-out Thinsulate lining, 10" side zipper vents with stretch tabs, an optional reflective "police" panel and/or GORE-TEX hood, hide away collar, Kasha hand warmer pockets, a high neck wind collar, plus many more. The Spectrum comes in four attractive colors including navy and black and is available in a wide range of stock sizes.

See Ad on page 2

Fox 40 International Exhibit 305

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, omnidirectional 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 Corporation Exhibit 303 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.

Henry's Exhibit 202

Exhibited will be Sony's new digital 8 camcorders, Polaroid instant film camera products and digital imaging products, and film and digital still cameras.

See Ad on page 38

Husher International Inc. Exhibit 609

Exhibited will be the Get-a-Grip lead and the Husher elastic training aid, a humane, soft dog muzzle which reduces nuisance barking, chewing, biting and aggression while still allowing dogs to eat, drink and pant.

Imagis Technologies Inc. Exhibit 213, 115

Imagis Cascade is a leading supplier of software products to the criminal justice system. From front line arrest & booking to complete jail management and integrated court systems, our software modules easily integrate with hardware and interface seamlessly with other software providing you with proven solutions for constantly changing industry demands.

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Impact Cases Inc. Exhibit 201

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International Police Association Exhibit 706, 707, 708

Increase your collection of law enforcement memorabilia at the IPA booth. Region Two of the IPA will host a buy, swap or trade display of law enforcement patches and memorabilia, including Peel Region 25th anniversary posters. Find out more about this international police social organization and join their membership.

ITS Consultants Exhibit 705

Displaying: RF tracking services, RF transmitter's, GPS tracking, GPS services, camera's (pinholes) black and white and colour, portable video surveillance case, wireless video, body video, hidden video, equipment rentals.

K9 Storm Inc. Exhibit 103

K9 Storm body armour is the world's first custom-fitted vest for police dogs. The Kevlar vest meets the Threat Level II Standard, the same standard as human body armour, which means it can stop most handgun rounds. The patented vest can be tailored to fit every breed of dog and is equipped with a V-ring which allows the handler to attach the dog to a leash for search and rescue operations or a rappelling line suspended from a helicopter, or over the side of a building. Also featured will be a new blunt trauma vest designed for search and rescue operations. The vests will be fitted with puncture-resistant Kevlar panels that will help ensure that the dog isn't cut or injured during a rescue operation.

Kodak Canada Inc. Exhibit 107

For more than a century, images have played a crucial role in law enforcement - from surveillance, to gathering evidence, to courtroom testimony. Kodak has been an integral part of those efforts from the beginning; first with film-based products, and most recently with digital imaging technology. From Kodak Quicksolve Software, which unifies all potential evidence for a case at one source - for instant access and analysis plus archive storage, to digital cameras, writable CDs, inkjet media, films and batteries, Kodak offers a wide range of imaging and case management products.

Laerdal Medical Canada Ltd. Exhibit 206

For the past 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/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.

See Ad on page 46

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 302, 304

M.D. Charlton has been providing a wide range of top quality equipment to Canadian law enforcement agencies and security companies for the last 18 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, down-filled products and Nomex tactical suits.

See Ad on page 16

Maritime Services Exhibit 402

Now the heat of the night works for you with revolutionary infrared imaging technology from Raytheon. NightSight sees the thermal signature of people and objects such as recently driven cars. It works both in daylight and total darkness by helping you detect fugitives hiding in bushes or the cover of night. NightSight is the extra pair of eyes you always wanted!

See Ad on page 22

Matte Industries Exhibit 211

Displaying: Space Pens: They write upside down, in extreme temperatures, on carbonless paper, and underwater. Special feature is the Police Pro Space Pen.

See Ad on page 28

Microcell Solutions Exhibit 504

No one even comes close to Fido in the fast-breaking world of Personal Communications Services - or PCS for short. Far more affordable than cellular, Fido boasts the most innovative digital technology, giving you top-quality voice transmission and access to an exciting array of up-to-the-minute communications services. Every now and again there's something truly new under the sun. And this time it's Fido. So take a few seconds to find out everything you need to know to get started!

Niagara Knitting Inc. Exhibit 506

Canada's oldest sweater manufacturer specializes in uniform and corporate leisure wear. ISO 9002 compliancy assures you of the highest quality and meets all required specifications. We currently make sweaters for the RCMP, DND, Correctional Services, Coast Guard, ambulance, fire departments and security. We also manufacture sweaters, golf shirts and fleece wear from environmentally friendly fibres under the Eco Fibre logo.

Northern Airborne Technology Exhibit 409

A leading manufacturer of specialized communication equipment for rotary and fixed-winged aircraft. This technology can be used by air ambulance, airborne law enforcement, search & rescue, electronic news gathering and military and marine programs. NAT audio systems are widely known for their superior performance and reliability in high noise, heavy workload cockpits and can be customized to suit the operator's needs.

Northern Ontario Police Academy for Advanced Training (NOPAAT) Exhibit 101

This exhibit will feature the Academy's advanced training services and courses for police and emergency services personnel.

Omni Support Services Ltd. Exhibit 703

Omni Support Services Limited provides a range of unique in-house designed software programs for law enforcement agencies, police agencies and security operations. The Y2K-compliant software

products are designed for MS-Windows 3.1, 95, 98 and NT environment and IBM compatible computers or MS-Windows compatible networks and carry no annual maintenance fees. Software programs on display will include the new multi-purpose Property Tracker Software Program, the new Letter File Manager Software Program, the upgraded forensic officer SceneTrak Software Program, the multi-media storage Media Monitor Software Program, and the newly revised Drug Manager Software Program. All software programs on display are in use with police agencies, security units and other users.

On Court Sports Exhibit 310

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

Ontario Police Supply Exhibit 400

Displaying: Stop Sticks for stopping police pursuits, Beaconway Technology "Strobe Beacons" replaces flares, Fechheimer police clothing (full line), police restraint equipment, police duty belts and accessories, police training ammunition, Smith & Wesson equipment, Rocky police boots (full line), police biohazard equipment, radar trailer, police gloves Damascus & Hatch, police cruiser tape, Whelen light system, latest o/c product being tested, information on defensive tactics training for small police services and security services.

Omnes ad Unum Exhibit 701

Omnes ad Unum (*All Together as One*) this is the philosophy that we want the members of the law enforcement family to embrace. It takes a special individual to stand in harms way for another. In honour of the law enforcement family, Omnes ad Unum has created the Blueline ring and Badge/Heart Pendant.

Pacific Safety Products Exhibit C

Consists of two armour divisions: Pacific Body Armour and Canadian Body Armour. They manufacture a wide variety of products including concealable tactical armour, jackets, tactical SWAT suits, raincoats, helmets, firearm discharge bins, mine clearance suits, a variety of carriers, professional EMS kits and more. In the past year, a full line of knife resistant armour (STAB Plus) and an innovative, dual-purpose shield were introduced. Agencies around the world such as police personnel, military personnel, paramedics, conservation officers and other professionals have come to count on Pacific Safety for quality products.

See Ad on page 45

PageNet 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 both numeric and alphanumeric paging services.

Panasonic Canada Inc. Exhibit F

Featured will be computers, printers, CCTV cameras, VCR plus other Panasonic products.

See Ad on page 33

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. Weighing 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 12 inches width.

Police Artists Association of Canada Exhibit G

This year the Police Artists Association of Canada (PAAC) will feature bio's and displays of some of our artists from across Canada. Watch for the release of our new limited edition *Fallen Leaves Remembered*. This work was created for the Canadian Police Association's 50 years of existence and to remember those officers who have fallen in the line of duty. 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. We will also have a draw for limited edition prints by way of leaving your business card in our card box. Thank-you in advance for your support.

R. Nicholls Distributors Inc. Exhibit A

A full line of new Traditions Four Clothing Line. Latest in footwear, complete line of stream light flashlights, Safariland duty gear, Federal Signal light bar, and Big Sky Rack shotgun mounts. Also will feature Hatch gloves and specialist T-shirts and hats.

See Ad on page 13

Ranpro Inc. Exhibit 510

Ranpro Inc, one of Canada's premier manufacturers of protective apparel, has developed a new line of rainwear for the law and security market. These lightweight, comfortable and extremely durable suits provide an economic solution to your force's rainwear needs.

Racom Products Inc. Exhibit 106

Featured will be the RACOM 2816D, a dialed number recorder that can simultaneously monitor all call activity on up to six target lines and provide law enforcement agencies with wire tapping capabilities. Standard features include real time display of system or individual line information; internal printer creates a hardcopy indicating all line activity including date, time, length and telephone number; and separate minimized audio outputs with cassette recorder control for each line.

Ronald Cormier and Associates Exhibit 105

Featuring, VideoComm Technologies' line of 900MHZ and 2.4GHZ wireless video transmitters and wireless covert cameras systems. Hutton Communications, a distributor of wireless communications and power systems products, will also be displaying products from manufacturers in the fields of site infrastructure, radio communications equipment, wireless telephone accessories, power systems products and test and shop equipment. CeoTronics, a world leader in covert wireless headset communications and accessories, will be displaying their cable bound and wireless communications for use under extreme working conditions.

Securesearch Inc. Exhibit 112

Explosive training aids, inert improvised explosive device training aids, detector dog trace explosive and trace drug simulant marker pens, explosive detection pen kits, security awareness videos on bombs and bomb threats, customs agent training video on hidden contraband, x-ray screener training videos, x-ray reference manual on bomb components for police bomb EOD Units, training courses on bomb searches and explosive and bomb recognition for security officers, training courses for police on explosives and improvised explosive devices, programmable irritating smoke generators for chemical agent response training, technical posters and reference books on bombs, explosives, firearms and drugs.

Securitrim Inc. Exhibit 500

Neon Graphik is the ultimate in safety for emergency vehicle identification. Visible from nearly one km., this reflective decaling allows on-coming drivers to react earlier. Corporate advertising, logos and crests can thus become safety tools 24 hours a day.

Special Electronics & Design Exhibit 502

SED designs and builds rescue/communications equipment, specialty headsets including noise attenuated systems, throat mics, handsets and cradles, wired and wireless radio systems, and specialized/custom communication systems. We also handle covert and surveillance equipment, including custom wired and wireless earbuds,

radio holsters, hidden camera items, and covert voice communications.

See Ad on page 39

Streetquip Exhibit 210

A full line of tactical and duty style uniforms and footwear, tactical helmets and gear; weapons cases and duty bags; leather and nylon belts, holster, and accessories, cut resistant gloves; flashlight; Casco batons; humorous t-shirts; and much, much more.

See Ad on page 29

Surveillance Consultants Lobby

Information will be available on Hal Cunningham's three day Mobile and Foot Surveillance Techniques training courses. These seminars are very popular with police officers, corporate investigators and private investigators. Also available will be his 65-page *Surveillance Techniques Training Manual*, copies of his *Blue Line Magazine* articles, and crown attorney Robert Ash's manual, *A Guide to Expert Surveillance Evidence*. Welcome are your surveillance related questions that you may have where we can be of assistance.

Tactical Enterprises International Incorporated Exhibit 401

Featured will be information about their training facility. This includes: a 60 ft. rappelling tower (the highest tactical tower in North America), a 30 ft. rappelling wall, confidence courses, mock village for entry and recon., underwater recovery course, hand to hand combat and self defense and classroom theory and field application.

See Ad on page 15

TechPlus Products Inc. Exhibit 704

TechPlus Products has an extensive graphic archive on police, military, heraldry and unique collectible art work covering over 200 themes.

The Current Corporation Exhibit 300

Will be displaying: ITT night vision, Pacific Body armour, Swarovski Optik, Canon digital cameras, MaxaBeam searchlights and thermal imaging equipment.

Treck Hall Ltd. Exhibit 503

Treck Hall, a national distributor, offers a full range of photographic equipment and supplies, including conventional and digital imaging products. Product lines include Kodak, Fuji, Polaroid, Wing-lynch, and Kreonite. Offices are located in Montreal, Toronto, Calgary, and Vancouver.

Tricia Rudy Enterprises Inc. Exhibit 611

Tricia Rudy Enterprises Inc. will be introducing the latest Motivational Poster in the collection by K&K Enterprises. All posters will be available for sale at a special Trade Show price! Foul Weather Gear manufactured by Integral Designs will be available for evaluation. This includes parkas, bib pants, bivy's and shelters. Tactical trousers, tunics, external carriers and other specialty clothing will also be displayed. Visit Booth #611 to meet Tricia and discuss all your clothing needs.

Trilcor Industries Exhibit 405

Trilcor will be exhibiting recognition items (such as pen sets, clocks and plaques), security products (such as security gown, quilt, pillow and sleep pad) and Trevira flame retardant blankets.

VehiTech Lobby

VehiTech is the national distributor of the Volvo police pack vehicles in Canada. VehiTech offers superior vehicle technology integration packages tailored to your needs. Add to this a comprehensive maintenance program ensuring priority service at your local Volvo dealership, better warranties, innovative financing options as well as significant overall cents-per-kilometer savings in usage and you have the business case you need to put your personnel in one of the safest workplaces in the world.

Virtual Depot Exhibit 514

Bring your cheque book or your visa card! Virtual Depot will be selling off various items at bargain prices! Most items have never been used. Take some time to browse through booth #514 and see what deals you can make.

See Ad on page 44

The Great Mac Attack!

by Tony MacKinnon



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SURVEILLANCE



Surveillance Conference '99 will be magnificent

by Hal Cunningham

The preparation continues to ensure that Surveillance Conference '99 (April 20 and 21, 1999) will leave all participants with a wealth of surveillance related information not previously available in this country.

As you have been advised in previous articles published in Blue Line magazine, I am organizing this surveillance conference in conjunction with the Response '99 Trade Show presented by Blue Line Magazine.

Ten professional speakers have been identified to discuss their areas of expertise. It is anticipated that each will speak for approximately 45 minutes with full participation by the attendees.

The speakers, when finished, will make themselves available outside of the conference room to facilitate further discussions between the expert and the attendees. Some of the speakers will supply information on their publications, should anyone want this material to take back to their staff.

Enquiries and responses have come in from across Canada and the northern United States. Police Officers from Montreal, Winnipeg, Ottawa-Carleton, Canadian Forces, Michigan, Toronto and Peel, to name just a few, have shown a commitment to send members of their staff. In most cases these are surveillance officers looking to expand on their staff development training needs.

This conference quickly exceeded the minimum required numbers and we are now trying to identify a maximum number.

I have commented before that surveillance is out of the closet and this select group of police, private and corporate investigators will be able to share their experiences with the participants of this unique conference.

I would like to detail the experience of just one of my guest speakers. His qualifications typically reflect the expert status that all of the speakers can allude to.

Mr. Bart Bechtel is the Managing Director of Bart Bechtel Enterprises, a private consulting firm specializing in security, safety management and marketing. He has just retired from the Central Intelligence Agency after a career as an operations and counter-intelligence officer.

Mr. Bechtel is the marketing director and an instructor for Emergency Planning Associates, a private firm specializing in emergency medical training, industrial and work place safety compliance and standby emergency first response. He is also an adjunct instructor at the California Specialized Training Institute and the National Inter-Agency Civil-Military Institute at Camp San Luis Obispo, California.

Mr. Bechtel is a graduate of the Monterey Institute of International Studies in Monterey California, and has a broad background in domestic and international terrorism, crisis management, and issues related to chemical and biological weapons proliferation. He is experienced in threat assessment, analysis, and intelligence operations. In addition, Mr. Bechtel teaches wilderness survival at Tuckee Meadows Community College in Incline Village, Nevada and Outdoor Emergency Care for the National Ski Patrol.

Mr. Bechtel has travelled professionally and personally throughout Europe, North

America, Asia, South East Asia, China, Russia and the Mediterranean. He has also worked extensively with federal, state and local law enforcement, emergency services, and private security firms.

Mr. Bechtel's topic for the Surveillance Conference will be "Counter Surveillance And Officer Safety." I can see there will be a lot of side issues discussed with Bart in the hallway with such a wealth of information. When asked if he would attend as a speaker he immediately volunteered to drive here from Nevada to attend Surveillance Conference '99.

Mr. Elliott Goldstein is a Toronto lawyer and author of the reference book for any serious investigator, *Video Evidence - A Practitioners Guide*. He is "the" expert of case law for video and audio evidence and his publication is highly respected in Canada. He will be discussing this topic at the conference and supply information on his newest project, a smaller field edition for all police officers and investigators to use.

Those attending this surveillance conference will receive a certificate acknowledging their participation.

The guest lectures will receive a VIP pass to permit them to attend the full two days therefore making themselves more accessible and available to speak to the participants.

Don't miss this unique opportunity. Contact Blue Line Magazine as soon as possible to determine if there is still space available.

Surveillance Conference Schedule

Tuesday, April 20, 9:00 a.m.

- Session 1 - Cellular Surveillance
Warren Leonhard
- Session 2 - Global Positioning Systems
Iain Campbell
- Session 3 - Staff Development Training
Hal Cunningham
- Session 4 - Counter Surveillance/Safety
Bart Bechtel
- Session 5 - Expert Surveillance Evidence
Robert Ash
- Session 6 - Notetaking and Evidence
Stephen McCormick
- Session 7 - Response 99 Exhibition

Wednesday, April 21, 9:00 a.m.

- Session 8 - Eating for Surveillance
Tim Fletcher
- Session 9 - High Risk Takedowns
Bob Gonsalves
- Session 10 - Video/Photo Techniques
Tim Fletcher
- Session 11 - Video Evidence: Legal Aspects
Elliott Goldstein
- Session 12 - Response 99 Exhibition
- Session 13 - Information/Brainstorming
Hal Cunningham

For details contact Hal at 416 716-3107 or www3.sympatico.ca/surv_consultants



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- Hatch Gloves
- Surefire Lights
- Eversharp Pens
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Past versus present possession

by Gino Arcaro

Q. An individual is caught for a moving traffic violation, and is pulled over by a marked unit and uniformed police officer. The officer attends at the suspect car, the window is lowered, and the officer proceeds to explain the reason for the stop, and requests driver's licence and registration etc. In so doing, the officer smells the strong and present odour of smoked marijuana, coming from within the car and the person driving. (There are no other occupants of the car in this case.) The officer notes that the eyes of the suspect are a little red, and proceeds to arrest the driver for possession of a controlled substance, namely marijuana.

The courts of New Brunswick at the provincial level have stated that the observations made by the police officer, establish "past" possession and not "present" possession.

I tend to disagree with this opinion. Police powers of arrest allow them to arrest, without warrant a person found committing a summary conviction offence such as possession of marijuana (under 30 grams.). The crux of this case, is the belief by the courts that the smoke indicates past use or possession. My contention is that the possession may still be occurring, i.e., more marijuana than a crushed roach in the ash-tray, it was so recent to the arrival of the officer that it is reasonable to infer that the possession is on-going, or items in support of that offence are still present in the car, e.g. rolling papers, and roaches (which are marijuana).

Let's argue that the officer can say that he observed no objects being thrown from the car and that the windows were up. Is it not reasonable to infer that there are reasonable grounds to believe that the roach is still in the car somewhere, and that this would be sufficient for possession elements to make



out, regardless of quantity? Is it the issue of the summary offence of "possession" and "having" to find the suspects committing the offence? If it was still dual procedure, could we arrest based on the fact that the officer believed on the grounds noted above that the suspect had committed the indictable offence of possession of marijuana?

Cpl. Mac Eaton,
Oromocto Police New Brunswick

Opinion from Gino Arcaro, Case Law editor

There are several available procedures and arguments regarding this type of investigation. An appeal to a higher court may be necessary to resolve these issues. The following are my opinions regarding these types of investigations.

1. The central focus should be section 11(7) Controlled Drugs and Substances Act, which is the warrantless search authority, not sec.

495 C.C. which authorizes an arrest without warrant. Section 11(7) CDSA authorizes the warrantless search of any place for "anything" that will afford evidence to any CDSA offence, including possession of marijuana under 30 grams. The warrantless search is justified if reasonable grounds exist that a controlled substance or any evidence of a CDSA offence is in the place and that exigent circumstances exist that make it impracticable to obtain a search warrant. Therefore, the reasonable grounds created by your observations should be directed to this section first, not to sec. 495 C.C. The discovery of drugs will trigger sec. 495 C.C.

2. There is no Supreme Court of Canada decision that relates specifically to what belief an odour of marijuana constitutes. Although this could be perceived as a disadvantage, it also means that the issue has not been settled definitely. Consequently, no SCC decision states that these circumstances do not infer current possession.

3. The SCC guidelines relating to reasonable grounds, made in *R.v. Storrey* (1990), must be used to argue your belief in these cases.

The summary of the relevant guidelines that will benefit your argument are;

- a) reasonable grounds do not have to prove guilt beyond reasonable doubt to form a prima facie case.
- b) The formulation of reasonable grounds requires two tests: subjective test, and objective test.

The subjective test refers to the officer's honest belief that the circumstances exceeded mere suspicion. The objective test is conducted by the trial judge to determine if the subjective test was accurate. The basis of the objective test is whether "a reasonable person placed in the position of the officer" would form an honest belief that reasonable grounds existed. The key element is that judges are supposed to put themselves in the place of a reasonable Canadian citizen. The argument should be that a belief of "past" possession suggests a prima facie belief beyond reasonable doubt and that the reasonable person objective test is not being properly applied. Emphasis must be placed on the fact that the reasonable grounds is directed to the search under sec. 11(7) CDSA, not the arrest under sec. 495 C.C.

4. The Supreme Court of Canada, in *R.v. Debot* (1989), ruled that a warrantless search for drugs requires only a "reasonable belief" that the accused had possession of the drug. Consequently, the "appropriate standard of proof which must be met in order to establish reasonable grounds for a search is one of reasonable probability rather than proof beyond a reasonable doubt or prima facie case." This clearly states that the standard for belief, to justify a warrantless search, is much lower than what is required for a conviction.

5. The new distinction of possession offences,

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based on weight of the substance, is unique and untested. Based on the SCC guidelines regarding the standards of belief relating to reasonable grounds suggest that it would be unreasonable to need proof beyond reasonable doubt that the person possesses more than 30 grams of marijuana. Thirty grams is not a substantial weight. The apparent intention of re-classifying possession under 30 grams is for sentencing. An argument may be that the circumstances could create a belief, based on a reasonable probability, that the person possessed more than 30 grams.

6. A useful case to argue your investigation was made by the Ontario Court of appeal in *R.v. G.A.E. (1993)*. The decision is not binding in your province, but can be used as persuasive case law. The case appeared in a past *Blue Line Magazine* issue. The following is an excerpt:

A police officer stopped a car driven by the accused person, at 1:30 a.m., regarding the offence of "no validation tag". When asked to produce his driver's licence, the accused produced only a photocopy of a temporary licence. The absence of a photo on the driver's licence created uncertainty about identification. The officer almost simultaneously asked the accused for other identification and asked him to accompany the officer to the cruiser, parked directly behind the accused's vehicle.

After they both entered the cruiser, the officer asked for production of ownership and insurance. The accused replied that those documents were in the car. The officer returned to the accused's car and asked a passenger seated in the front seat, for the documents. The passenger checked a console but the documents were not found. The officer asked the passenger to open the glove compartment. The passenger complied and a quantity of cocaine and money was seized, resulting in a charge of "possession for the purpose of trafficking".

The trial judge excluded the evidence, ruling that section 8 of the Charter was violated, and acquitted the accused. On appeal by the Crown, the Ontario Court of Appeal allowed the appeal and ordered a new trial. The reasons were as follows:

- the officer had the right to stop the accused and request the documents.
- the officer's request to open the glove compartment was an order and it constituted a search.
- the search was reasonable because the documents were neither private nor confidential.
- the officer's action was not deemed to be "conspicuously wrong", instead, the actions were ruled to be "reasonable and sensible".
- the narcotics were "real" evidence and the offence was serious in nature; the admission of the evidence would not bring the administration of justice into disrepute.

Summary: The narcotics were not excluded because the appeal court saw "no element of unfairness" relating to these circumstances.

7. Finally, a significant argument may be made regarding the admissibility of evidence under sec. 24(2) Charter and the application of *R.v. Collins (1987)* and *R.v. Stillman (1997)*. These SCC guidelines may be used to your advantage. An extensive interpretation is found in the 3rd edition of "Impaired Driving: Forming Reasonable Grounds" and the 2nd of "Basic Police Procedures".

The following is a summary of the guidelines: several factors determine the admission or exclusion of evidence, including:

- i) trial fairness
 - ii) severity of the Charter violation
 - iii) type of evidence seized
 - iv) officer's intention, i.e. good faith
- The Stillman case explains how trial fairness is determined:
- the seized evidence must be classified as "conscriptive" or "non-conscriptive".
 - classification is based on the manner in which the evidence was obtained.
 - non-conscriptive evidence is defined as evidence that the accused was not compelled to participate in the creation or discovery of. In other words, it is evidence that is found without the participation of the accused.
 - the admission of non-conscriptive evidence will not render a trial unfair.

The argument that drugs are non-conscriptive evidence may be the key element in your case, if a judge rules that the warrantless search constituted a sec. 8 Charter violation.

In addition to being Blue Line's Legal editor Gino Arcaro is the author of *Criminal Investigation - Forming Reasonable Grounds*, *Basic Police Procedures and Impaired Driving - Forming Reasonable Grounds*. All three texts contain current (1999) material. Additionally, he provides consultation to law enforcement officers through this column. Please forward any question via email to garcaro@niagarac.on.ca.

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Dockyard fire sparks law suits

by Floyd Cowan



When the Russian factory trawler *Gijon* caught fire Friday afternoon October 27, 1997 at the Graving Dock in Esquimalt Harbour it burned for four days and set off law suits that will take years to resolve.

Esquimalt, British Columbia, on the south end of Vancouver Island, is the home of Canada's Pacific Naval fleet and a centre for ship repairs and renovations. Since its incorporation as a municipality in 1912 Esquimalt has had a dual police-fire department where officers act as both policemen and as fire fighters. Over the years, as circumstances dictated, changes have been made but Esquimalt Chief of Police has remained in charge of both forces, with a Deputy Fire Chief and Deputy Police Chief. Both forces have always operated out of the same building with police officers taking on fire fighting roles.

There are 43 members on the force which includes eight permanent firemen which include a Sergeant and FII - who is second in command to the Sergeant. Each shift comprises an eight person platoon. On the fire side there are three officers including the sergeant while the police side also consists of five officers including a sergeant. The sergeants never switch from one service to the other while the PII and FII will occasionally, but "hardly ever" take up duties in the police or fire side. The other constables will switch continually, rotating in and out of fire duties.

When asked about staff requirements during high activity of crime or fire protection, Chief Norm Simmons says they have never run into a situation where they have not been able to respond to community needs. "If we have a fire that is going to take some time to deal with we will call Victoria and Saanich (both with contiguous boundaries to Esquimalt) for backup. If further assistance is required then we would call on our off-duty officers to come in. In this fashion the community is never without adequate protection."

Chief Simmons noted that all the officers presently on the Esquimalt Police and Fire Department are police officers who have taken training as fire fighters.

In the early years, assistance from adjacent Victoria made this arrangement workable and



Photo — Floyd Cowan

The burned and rusting hull of the *Gijon* sits in Esquimalt Harbour where it burned for four days under the watchful eye and efforts of the Esquimalt Police/Fire Service.

Victoria helped a great deal with organizing the Esquimalt fire department. A verbal agreement with the Department of National Defence, which was formalized in a detailed agreement on November 1, 1966, gives additional fire protection to the area. Under this agreement the municipality responds to fires on the naval base and in the harbour, and the navy's fire fighting force responds to fires in the community when requested. It was for this reason that the Esquimalt department was on the scene when the *Gijon* blaze erupted.

In the first hour the fire fighters made several assaults on the fire but they were unable to contain it. Their lives were in serious danger when the fire got behind them and they had to be evacuated with cranes and buckets when they became trapped on the burning ship.

As there was ammonia on board, which resulted in a number of explosions that could be heard in downtown Victoria, about five miles away, some residents of Esquimalt had to be evacuated from their homes.

The claim for damages of \$80 million by

the ship owners, ship managers and seafood processors, who are suing Esquimalt Municipality, the ship yard and the Department of National Defence makes it the most expensive fire in BC history. The law suits began when Esquimalt took action against the ship owners, the ship yard and the company doing a refit on the *Gijon* when the fire broke out, to recover the costs of fighting the fire. This claim, in the hundreds of thousands of dollars, is considerably less than what has been filed against them.

The suit has put the dual fire-police roles of the Municipality under a microscope but Russ Brown, of Carfra & Lawton, the attorney for the Municipality of Esquimalt, is "confident that at the end of the day it will be shown that the Esquimalt Police and Fire Department did as much, if not more, than was reasonably required of them. They responded professionally and appropriately and courageously to the fire," he states. "These fire fighters are very fit and they behaved very professionally when they tackled this fire. They put themselves at considerable risk and at one point several were in grave danger."

One of the lawyers for the ship owners, Gary Wharton of the law firm Campney and Murphy, pointed out that they are still early on in the legal process and he was unwilling to talk in detail about the action they are taking. He did say that they are suing the Municipality of Esquimalt and the shipyard for negligence. They are also suing the shipyard for breach of contract. "They had a contract to do the repair of the vessel," Wharton stated, "It was not part of the contract to burn up the ship."

The litigation will take several years with the first court date set for January 15, 2001. Esquimalt will continue to be served by a dual police-fire department that has protected them for almost 90 years.

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"You talkin' to me?"

Tasers, a non-lethal answer to violence

by Floyd Cowan



Sgt. Darren Laur, Control Tactics Co-ordinator of the Victoria Police Department, was tasked by Chief Constable Doug Richardson to look at less lethal options for dealing with violent situations. After examining what was in use across Canada and the United States he decided that he would like to do a six month test on Tasers.

Police forces have long been concerned about the appropriate response to violence and have sought out ways to quell it, without resorting to lethal force. Over the years weapons such as pepper spray, rubber bullets and bean bag guns have been developed, all with their advantages and their disadvantages.

"The reasons I went to the Taser," Sgt. Laur explains, "is that they are easy to use. For the officers it takes very little training time and they are officer friendly. They are very effective having 95 per cent positive results." Although they have not been used widely in Canada and no other law enforcement organizations are presently using them there are 500 agencies in the US where they are utilized."

The Taser was developed in the early 1970's for the US Air Marshals who wanted something they could use on aeroplanes as that was definitely not the place where they wanted to be firing bullets. Now the FBI, the LAPD, NYPD and the US Border Patrol are utilizing the Taser.

"In addition to the high success rate," Sgt. Laur continues, "the Taser gives the officers more distance. With pepper spray you have to be within 8 - 10 feet while the Taser gives you up to 15 feet. It is portable and it doesn't injure the person it's being used on."

The Taser uses a 9 volt battery to generate a very low power high voltage pulse through two 15 foot high voltage wires attached to small barbed darts. The Taser wave pulse can arc through over 1 inch of clothing to override the brain's motor control signals. This causes the subject to lose motor control and they usually fall within 5 seconds of Taser application.

The Taser is far more effective than a "stun gun" in that the two darts are spread over an 8 to 30 inch area which incapacitates more muscles than the 2 to 3 inch spread the "stun gun" can.

The upper dart fires straight out while the lower dart angles downwards so the distance between the darts increases 1 foot for every five feet of range, and they are laser guided so there is little possibility of missing. Two red dots appear on the subject's body where the darts are going to hit. This alone can be a sufficient deterrent.

"The Taser applies 50,000 volts, but the amps are very low, and it is the amps that can kill," Sgt. Laur notes. But then he points out. "Anything can be lethal from hitting someone to rubber bullets, but in the 16 cases where death has occurred where the Taser was used, 15 were determined not to have been the result of the Taser. In the other case the individual had toxic PCP in his system and had major heart



problems as well so the study couldn't say conclusively that the death was caused by the use of the Taser."

In the two months that it has been in use in Victoria there have been three incidents where it has been used. "The first incident was very successful in preventing a suicide," Sgt. Laur explains. "We were called to the home of this individual and we found him sitting in bed with an anatomy book open in his lap that he'd been studying. He had a dagger to his chest at his heart and said he was going to kill himself. He started to impale himself and the Taser was

employed. He dropped the knife and was safely taken into custody before he could cause injury to himself. When he was taken to the hospital the doctor said that he would have impaled himself had he not been stopped. With this one incident alone, being able to save a person's life, makes it worth the cost."

In the second incident the threat of the Taser was sufficient to get a change in attitude out of a violent individual. "He was totally non-compliant," Sgt. Laur states, "and he indicated that he was going to fight with the officers. The Taser was deployed and when the man saw the two

red dots on him he asked, 'what's that?' "That's where you're going to be hit with 50,000 volts," the officer replied. That totally changed the individuals attitude and he was taken into custody without further problem.

The third incident even more clearly demonstrates the usefulness of the Taser and why Sgt. Laur is so positive about its use. "We were called to an apartment where a female was high on drugs and she had several knives in her possession and was threatening to attack the officers. She had been pepper sprayed, but that had only made her more angry. She barricaded herself in the bathroom and then attempted to attack the officers with a pair of scissors. The Taser was deployed and she fell to the ground and was no further problem."

Sgt. Laur points out that even though pepper spray was used in this case it didn't get the desired results. "All the other weapons we have require that they cause pain to the individual. If that person is on drugs, or has a high tolerance level, or is in such an emotional state that it doesn't bother them, then that weapon isn't effective. The Taser doesn't rely on pain to halt the individual, but by shutting down the person, it disables them, and this doesn't rely on causing them pain."

Not only have the Victoria police officers been trained in the use of the Taser but so have regional medical staff. When the Taser was going to be employed in the area Sgt. Laur visited the hospitals to explain its use and the affect it would have. Civil liberties groups in the province have stated that they feel it is a "reasonable option."

Why has there been reluctance to use this in Canada when there is such widespread use in the United States? Sgt. Laur believes that this is because Canadians tend to follow a British style of policing rather than the American. "Also police forces don't want to be seen as electrically stunning people, there is a stigma attached to it. There are many fallacies associated with it. People believe it is very dangerous, which it isn't."

Cst. Sean Millard demonstrated its use, firing it at a shirt hung on a wall. The red laser dots appeared on the shirt then there was a bang caused by the firing of the rifle cartridge that projects the barbs. They struck the shirt and were still connected to the Taser by two thin wires. "This will keep the individual down for thirty seconds to a minute which gives us enough time to get in there," Cst Millard explains. Each Taser has two separate cartridges so a second can be fired if there is a problem with the first.

Once the individual has been cuffed the wires are cut from the barbs, which are about an inch in length so they will penetrate clothing and skin, but won't cause serious injury. If a person is wearing thick clothes or even a down jacket it will still be effective because the volts go between the two probes. When the person has been subdued they will be taken to a hospital where their health will be checked and the probes removed by medical staff. "I think it is excellent," Cst Millard stated. "It makes me feel much better about situations where force is required."

The Tasers are distributed by Highpoint Security Technologies. Literature provided by the company answers some frequently asked questions. It states that tests have shown it has no af-

fect on the heart and won't damage pacemakers. Pacemakers are designed to withstand electrical defibrillator pulses which are hundreds of times stronger than the output of the Taser. The Taser won't electrocute someone standing in water and the volts won't be transferred to another person should they touch.

The company also states that the Taser causes involuntary muscle contractions and results in a loss of balance without destroying nerves, muscles or any other body elements. A person who has been Tasered will feel dazed for some minutes afterward and will not feel like resuming the attack, but there is no long-term after affect.

Although Victoria PD is only two months

into their six month trial period Sgt Laur fully expects the Taser to be adopted for permanent use. "I give the Chief Constable Doug Richardson and the senior officers full credit for going ahead with this. We are under a microscope by the community and by the press, which they knew we would be, but they were confident that we get good results."

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by Terry Barker

Blue Talk is a regular column of advice on the topic of police communication problems. Terry Barker is the creator and teacher of Dalhousie's Communication Skills for Police Personnel course, and is the author of Boss Talk and the Five Minute Police Officer. He taught communication skills for the RCMP, the Justice Institute of B.C. and the Canadian Police College for over 20 years, and is recognized in Canadian police circles as an expert on the subject of how members can talk to each other better. He will answer your questions on communications problems. Send them in!

What advice can you give me for dealing with violent domestic situations? I earned some bruises on the last one I attended.

I put this question to Cst. Mitch Mercier of Port McNeill, BC. He has a reputation for handling domestics with tact and diplomacy. Here's his story about a recent incident that he attended, and we can all learn a lot from it.

When I arrived, the whole family was standing outside of the house. The husband (250 pounds of solid muscle) was drunk and abusive and threatening his wife, who was surrounded by a protective ring of sisters. As is the case in too many of these incidents my backup was about one and a half hours away so essentially I had no backup.

"If you arrest me," he snarled, "I'll beat you to a pulp." He ground out his cigarette under his boot. "Come on, let's fight."

"Listen," I said, "there're too many people

here. I want to hear your side of the story but they'll just interrupt you. Get into the car, where it's quiet."

"Have you got a cigarette?" he demanded.

Now, I'm not supposed to let anyone smoke in the police car, and he knows it. It's policy. What to do?

Well, what the hell. Policies are only guidelines. Besides, it's a way of getting him outside.

"I'm not supposed to do this - policy, you know," I said. "But in your case I'll make an exception. Get in the car and I'll give you a smoke." He looked at me slyly, thinking, no doubt, that now he 'had something on me'.

Well, if that's what it takes ...

I listened to everyone's stories and ended up by arresting the husband. "Sorry about this, but it's policy, you know," I said, and he ac-

cepted it.

It certainly worked for Mitch, but what about this question of breaking policy? I asked his boss, Sgt. Chris Stewart, for his take on it.

"I do approve of the way he handled the situation," Sgt. Stewart said. "Any action, so long as it's legal, moral and ethical should be the basic guideline. Sometimes even these rules get blurred. Let's say you're interviewing a bad guy, for instance. You want a statement. Now, there's no smoking allowed in federal buildings. He asks for a smoke. If you say, "Sorry, Sport, but policy is policy," your chance of getting a statement are diminished. But if you say, "I'm really not supposed to do this, but here, let me light that up for you," you'll 'let him have something on you' and you may get your statement."

The central idea in these stories is to build a bridge by making "policy" into a common enemy. This deflects the anger away from the officer and puts both parties on the same page. Well, it's better than collecting bruises.

LETTERS TO THE EDITOR

The feature article in February's *Blue Line* was much appreciated. The accompanying table, however, refers to a Kingston City jurisdiction and a Leamington Town jurisdiction but fails to provide any detail for either. I am interested in this detail and would appreciate an update.

Jim Hill

London Police Service

Nice to see a sharp eye is reading the magazine. After that survey was done, and given all the politics involved, we felt fortunate to get what we did.

Here are the missing links for you:

Leamington Police Service

Chief Dean Gow

7 Clark St. West

Leamington, ON

Ph: 519 326-6111 Fax 519 326-1840

Policing the town of Leamington and Township of Mersea

This involved the amalgamation of the Mersea Township Police Service with Leamington on July 1, 1998. Amalgamated strength is 35 uniform and 9 Civillian.

Kingston Police Service

Ph: 613 549-4660 Fax 613 549-3111

Policing the City of Kingston (alone)

HOWEVER On January 1, 1998 (last year) they absorbed the Townships of Kingston and Pittsburgh.

HOWEVER they could not decide if they wanted to have OPP or city police at that time. In October they decided to go with a city police and as of July 1, 1999 they will be policed by Kingston Police and the OPP detachment (47 officers) will be closed.

HOWEVER Kingston City Police are only going to increase by 12 officers.

Forgive me for pointing it out, but I did not see any mention of Peel Regional Police in your listing of Ontario Police Services (Feb. '99 edition). Was it just an oversight? Just curious, being a former resident of Mississauga.

Thanks,

Allan James Miller

Calgary Police Service

We now have Peel police survey form too if you need it. They forgot to send it in time for the February edition.

Peel Regional Police

Phone 905 453-3311 Fax 905 453-4048

Policing area includes Mississauga, Brampton and Pearson Airport. Peel region also includes the Town of Caledon but this area is policed by the OPP out of Snelgrove Detachment. Uniform Strength is 1152 and Civillian strength is 439.

Celebrating its 25th Anniversary this year and we will be presenting a feature on them sometime in a future edition. (We did do a feature on them in 1994 on the occasion of their 20th Anniversary).

Timmins did not return their survey form, did not return a fax reminder and did not return a follow-up voice mail. We know they are out there still.

Our research in the past has revealed the following:

Timmins Police

Phone 705 264-1201 Fax 705 267-6198

Chief Denis Lavoie

City population is 50,000

70 Police officers (only 3 are female)

22 Civillian Personnel

Operating budget is \$7,359,000

Other Details

The size of this force has increased considerably since 1991 when it was just 53 officers. The last information we have about officer pay scale indicates First Class Constables make \$47,440 (1993) which was about 10% better than the national average.

There were a total of seven agencies that did not return *Blue Line's* survey nor call back with information requested. *Blue Line* did not push the issue because the sensitivity of the situations were understood and respected.

All police agencies are urged to send press releases to *Blue Line Magazine* when changes occur within the operations or structure of the agency. *Blue Line* welcomes news about top level appointments and retirements, major recruiting initiatives, changes in phone, fax, email or addresses or changes of internal areas of responsibility.

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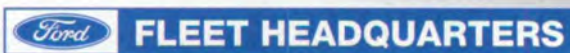
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Linux may give Windows some competition



By Reid Goldsborough

Looking around a typical office, all you see is *Windows*. More than nine of ten personal computers run one or another of Microsoft's operating systems. It didn't use to be this way.

A decade ago there was vigorous competition in the desktop operating system market. IBM hadn't yet conceded to Microsoft and stopped marketing OS/2 to end users. The Macintosh operating system, though only able to run on Macintosh computers, showed potential to break out of its design and education niches.

Today it's a *Windows* world. But for how long?

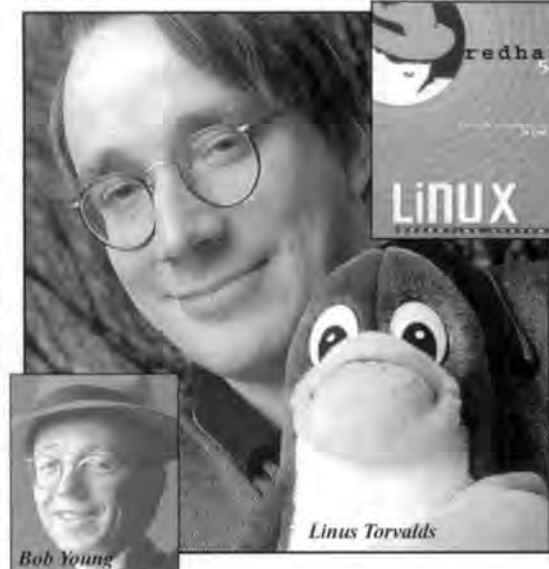
The courts still haven't weighed in fully in U.S. Justice Department's landmark antitrust case against Microsoft. But even if Microsoft is able to continue unfettered, the market may yet provide some competition.

The one operating system that in the minds of many shows the greatest promise of loosening Microsoft's stranglehold seems on the surface to be the least able competitor. Created in 1991 by a college student in Finland named Linus Torvalds (shown top centre), Linux is a Unix-like product that doesn't cost a dime.

As "freeware," it's shared for free over the Internet, with programmers from around the world donating their time to improve the product and find and fix bugs. Enhanced versions that include technical support are sold by companies such as Red Hat Software (<http://www.redhat.com>). This Canadian company, owned by Bob Young (shown above centre left) markets his version of Linux at a cost considerably less than any version of Windows.

The biggest market for Linux currently is Internet service providers and other organizations that use powerful computers to "serve" data and programs over networks. Linux is doing well here. Its share of the server market is growing faster than Windows NT, NetWare, and Solaris and other versions of Unix, according to a recent study by International Data Corporation.

Growing by 212 percent in 1998, Linux now controls nearly 20 percent of the commercial server market. If you factor in the free versions



Bob Young

Linus Torvalds

of Linux that are routinely downloaded off the Internet, these market share figures would be even higher.

Some of this growth stems from anti-Microsoft sentiment, but much is due to the stability and performance of Linux itself. Recognizing Linux's potential, industry heavyweights IBM, Oracle, Computer Associates, Informix, and Sybase have recently begun supporting or announced plans to support Linux with database offerings.

Robert Shingledecker, information systems manager for the city of Garden Grove, Calif., is one Linux convert. For the past four years he has used Linux in all of the city's departments, from finance to police. "Windows NT isn't scalable enough for large organizations like ours, and it crashes too much. NetWare is too closed and proprietary."

"Compared to Windows, Linux is much more reliable," echoes David Hamm, a systems analyst for Imaging Technologies, a printing services company headquartered in Atlanta with 20 branches throughout the Southeast. The company uses Linux for file serving, print serving, task automation, image processing, and other mission-critical applications.

As a desktop operating system powering

individual PCs, Linux is in for a tougher battle. Despite the introduction of a number of graphical user interfaces for it, Linux is still more difficult to use than Windows or the Mac OS. There are also many fewer Linux application programs to choose from.

The dearth of major applications is slowly changing, with the Canadian software publisher Corel leading the way. Recently Corel released a Linux version of WordPerfect. You can download a free version of it from Corel's Web site (<http://linux.corel.com>), or you can purchase for less than \$70 an enhanced version that includes a manual, templates, clip art, fonts, and technical support.

Corel plans to release Linux versions of other programs in its Corel WordPerfect Suite, including the spreadsheet Quattro Pro, during the second half of 1999, according to a Corel spokesperson. Currently, Applixware (<http://www.applix.com>) is the most popular commercial office suite for Linux.

Linux also faces the obstacle of entrenched ideas. People are familiar, and comfortable, with Microsoft products. Despite the fact that they favour Linux personally, Shingledecker and Hamm's organizations are both using Windows on the desktop. "For some reason our users are enamoured with Microsoft products," says Hamm. "It's more a perceptual thing."

If you'd like to download Linux or read more about it, check out the Linux Documentation Project (<http://metalab.unc.edu/LDP>). At Linux Business Applications (<http://www.m-tech.ab.ca/linux-biz>) and the Linux Mall (<http://www.linuxmall.com>), you can learn more about Linux business software.

Finally, you can read about how others are using Linux and participate in these discussions in a host of Usenet newsgroups devoted to Linux, such as alt.os.linux and the newsgroups under the comp.os.linux and linux hierarchies.

Reid Goldsborough is a syndicated columnist and author of the book *Straight Talk About the Information Superhighway*. He can be reached at reidgold@netaxs.com or <http://members.home.net/reidgold>.

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Surveillance Conference 99

Markham - Ontario

Held in conjunction with Response 99, this conference will cover a variety of surveillance-related topics. Conference cost is \$225 and space is limited. Those interested can sign up by filling out the registration form on the front cover of this magazine or by calling (905) 640-3048.

April 23 - 25, 1999

Toronto Police Inter-Denominational Retreat Pickering - Ontario

This retreat, open to law enforcement personnel and their family and friends, is a time for personal growth, relaxation and renewed hope. To register contact Insp. Larry Sinclair at (416) 808-7081.

May 3 - 6, 1999

Gangs, Property Crimes, Fencing: A Problem Solving Approach

Saskatoon - Saskatchewan

This conference is co-sponsored by the Saskatoon Police Service and Co-operator's Insurance of Canada. For information contact Staff Sgt. Rick Grosy at (306) 975-8448.

May 9 - 12, 1999

Canadian Multidisciplinary Road Safety Conference XI Halifax - Nova Scotia

Hosted by the Vehicle Safety Research Team from Dalhousie University, this conference gives road safety personnel the opportunity to share experiences and recent developments in road safety. For more information contact Dale Faulkner at (902) 494-3231.

May 11, 1999

5th Annual Drive Straight Charity Golf Tournament Toronto - Ontario

This event is hosted by the Ontario Community Council of Impaired Driving. Those interested in registering to golf at this year's tournament at the Angus Glen Golf and Country Club can contact David Stewart at (905) 831-2013.

May 11 - 15, 1999

Community Crisis Response Toronto - Ontario

Presented by the U.S. National Organization for Victim Assistance, participants will learn about the consequences of trauma on individuals and large groups. For

more information contact Alison Licht at (416) 469-6501.

May 13 - 16, 1999

14th Annual Peace Officers Memorial Celebration Cleveland - Ohio

Law enforcement and corrections officers are invited to honour all fallen officers and share in the camaraderie and fellowship of the event. Air fare discounts are available and all ground transportation to and from events in Cleveland is free. For more information call (216) 621-3830.

May 15 - 16, 1999

Basic Critical Incident Stress Management North Bay - Ontario

The North Bay and District CIS Team Inc., are hosting this two-day event. For more information call Jacquie Devolin at (705) 472-8837.

May 15 - 20, 1999

Sexual Victimization of Children

Regina - Saskatchewan

Hosted by the RCMP, the conference will focus on the issues of the sexual victimization of children. This conference will foster an exchange between attendees and lecturers, which will further develop professional networks to help protect children. For more conference information call Cpl. Doug Coleman at (306) 780-5574.

May 17 - 21, 1999

Central Canadian Auto Theft Investigators Course Winnipeg - Manitoba

This 40-hour certificate course will cover advanced investigative concepts and techniques in the identification of vehicles. For details call Evelyn Richards at (204) 985-8801.

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TEN-SEVEN

Law Enforcement News From Blue Line Magazine

No means no, Supreme Court of Canada says

Victims groups hailed a Supreme Court in February which overturned two acquittals and convicted a man of sexual assault.

Steven Ewanchuk, an Alberta carpenter, had been acquitted of the charge through a claim of "implied consent" but the high court unanimously ruled the concept does not exist in Canadian law.

The ruling stems from a 1994 incident in which a 17-year-old girl entered Ewanchuk's trailer for what she thought was a job interview.

At trial, the woman testified that Ewanchuk initiated sexual activity that she did not consent to. She also told the court she said no three times and did not fight Ewanchuk because she was afraid the situation might turn violent.

The Supreme Court found the girl's behaviour did not amount to implied consent and Ewanchuk's attempts to engage her in sexual



activity after she had said no constituted sexual assault.

"The accused cannot rely on the mere lapse of time or the complainant's silence or equivocal conduct to indicate that there has been a change of heart and that consent now exists nor can he engage in further sexual touching to 'test the waters,'" Justice

John Major wrote.

Major also ruled that "continuing sexual contact after someone has said 'no' is, at a minimum, reckless conduct which is not excusable."

The high court's ruling makes it clear that no means no when it comes to sexual activity, said Danielle Aubry of Calgary Communities Against Sexual Assault.

Aubry also said the decision is an indication that the Supreme Court recognizes that sexual assault is a violent crime.

Diane Oleskiw, a lawyer who argued on

behalf of the women's Legal Education and Action Fund, says the ruling has quashed myths like a woman's clothing can imply willingness to be touched sexually.

She says the decision also makes it clear that a woman's sexual past cannot be used to assume that she implied consent to sex and that defence lawyers cannot use implied consent in sexual assault cases in the future.

Brian Beresh, the lawyer representing Ewanchuk, said he plans to ask the high court for a hearing to consider new information that wasn't available during the original trial.

"There is some evidence which the Supreme Court did not have before it which might affect the decision as to whether or not this man should be allowed the benefit of a trial," Beresh was quoted as saying.

The lawyer said he will soon begin the legal process of getting a new hearing.

In the meantime, the case has been returned to Alberta for sentencing.

Number of officers per capita declines



The number of police officers per capita declined for the seventh consecutive year, Statistics Canada reported in February.

There were 181 officers for every 100,000 population in 1998.

The ratio of police officers to civilians increased steadily during the '60s and early '70s but the numbers have been declining in recent years, the agency reported.

The total number of officers in Canada on June 15, 1998 was 54,722, which is virtually the same as the year before.

Manitoba had the highest number of police per capita with 195 per 100,000. Prince Edward Island had the lowest rate with 143.

However, the report showed a slight increase in the amount spent on policing in 1997-98. An estimated total of \$6 billion was spent on policing services in 1997, or roughly \$200 for each Canadian.

Statistics also showed an increase in the number of female police officers. Women accounted for almost one out of every eight officers.

The number of male officers dropped by 1.2 per cent in 1998 over the previous year, while the number of female officers increased by 9.8 per cent.

SWHAT
by Steffon Sepa



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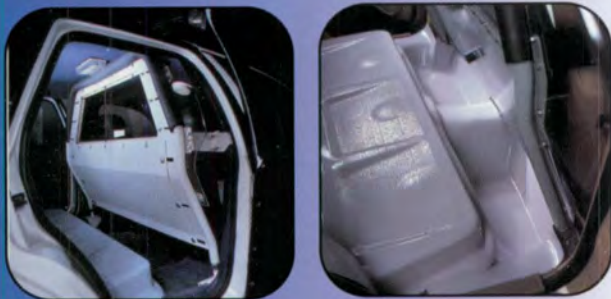
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Police must respond to calls for help even if privacy is invaded

A 911 call is a cry for help and police are duty bound to find out why one is made even if it compromises a person's right to privacy, the Supreme Court unanimously ruled in February.

"It is reasonable, indeed, imperative, that the police assume that the caller is in some distress and requires immediate assistance," Chief Justice Antonio Lamer wrote in the reasons for the ruling. "To act otherwise would seriously impair the effectiveness of the system and undermine its very purpose."

But the power to intrude on a citizen's privacy must be limited to the protection of life and safety, Lamer cautioned.

The high court's ruling was the result of a 1992 incident in which Toronto police entered a man's home after someone at the residence placed a 911 call and then hung up.

Operators failed to reach anyone at the home when they called back and four police officers were sent to investigate.



Vincent Godoy answered the door and told police that nothing was wrong. However, the officers forced their way into the home and found Godoy's common-law wife crying and curled up in the fetal position, with a mark above her left eye.

She said that Godoy had hit her and when police tried to arrest him, he resisted. A police officer's finger was broken in the melee and Godoy was charged with assaulting an officer.

An Ontario court dismissed the charge, ruling that the police had illegally entered the home. The decision was overturned following an appeal by the Crown, but Godoy brought the case to the Supreme Court in an attempt to have the lower court ruling upheld.

Godoy must now return to court for a new trial on the charge of assaulting an officer with the intent of resisting arrest.

The assault charge was dropped after his common-law wife recanted her story.

Civil suit against Mountie quashed by high court

A North Vancouver man who was shot by police when he answered his door with a TV remote control in his hand lost his civil suit against the police officer involved.

In a written ruling released in March, a B.C. Supreme Court judge said that the shooting was an accident which occurred seconds after David Glover answered his door.

The judge said she found no evidence to suggest that the conduct of RCMP Cpl. Glenn Magark was reckless or grossly negligent. In fact, the judge found his conduct met or exceeded the safety standards of the RCMP and that he followed all relevant policies and procedures.

"While there are elements of the police search procedure that raise concern, it cannot legitimately be said that Cpl. Magark's action constituted wilful misconduct," the judge said in her 28-page ruling.

Police expected to find more than a kilogram of marijuana when they executed a search warrant on Glover's residence on March 19, 1990. Magark led the drug-squad team that executed the warrant.

Glover opened the door to his home holding a TV remote control after Magark knocked on the door.

The officer yelled, "Police, get down." When Glover failed to follow the order, Magark shot him in the chest. The bullet narrowly missed Glover's heart.

Magark told the court that he thought Glover, who made a lunging motion towards the officer, had a knife in his hand.

Glover may have thought the raid was a practical joke and made the lunging motion with the TV channel changer as a result, the judge said.

The charges laid against Glover following the raid were later stayed.

The civil trial against Magark began in 1996 and ended last December, following a two-year delay.

MOST WANTED

NAME: Billy Joe DANIELS

WANTED FOR: Bank Robbery

DATE OF BIRTH: 15 March 1959	RACE: White	SEX: Male	
HEIGHT: 5'6" (167 cm)	WEIGHT: 140 lbs. (64 kg)	HAIR: Brown	EYES: Brown



CASE DETAILS

ORIGIN: Tennessee, USA

ALIASES: Bill DANIEL(S), Tim DANIEL(S), J.W. DANIEL(S), Bill JOHNSON

IDENTIFYING MARKS: Tattoos

OTHER DETAILS: DANIELS, along with another individual, entered a banking institution in Memphis, Tennessee. DANIELS announced the robbery and subsequently instructed the teller to give him all the money. Both subjects departed the bank leaving a package behind, claiming it was explosives. It ended up being a wrapped stone. The amount of money taken was not disclosed. DANIELS made reference that he was armed. **SUBJECT IS CONSIDERED ARMED AND DANGEROUS.**



Questionable Quotes

"We go through them like diarrhea through a baby."

- A comment made by Manitoba Provincial Court Judge Edwin Kimelman during a discussion on the number of young offender cases before the court system.

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Officers cleared in beating

Ontario Provincial Police officers accused of beating an aboriginal protester during a confrontation at Ipperwash Provincial Park four years ago will not face charges.

The province's Special Investigations Unit said there was no doubt that Cecil George was injured during his arrest, but added there's also no reliable evidence that officers used excessive force against him.

SIU director Peter Tinsley said that because the altercation occurred at night and officers were wearing tactical gear which obscured their faces there was no way to determine who was involved.

A total of six police officers had been designated as "subject officers" since the investigation unit began its probe. The subject officers could have faced criminal charges in George's beating. None of the officers were identified.

The SIU, which investigates all deaths or serious injury involving police, interviewed more than 50 other officers during the probe.



Dudley George, who was not related to Cecil, was shot and fatally wounded by police during the Ipperwash stand-off, west of London, Ont.

Acting Sgt. Kenneth Deane was convicted of criminal negligence causing death in 1997. A number of native protesters were acquitted of a variety of charges.

Witnesses at the trails said they saw Cecil George being beaten and kicked by police as he lay on the ground.

Testimony indicated that George was struck by a blunt instrument at least 28 times. During one trial, an ambulance attendant testified that she struggled to find a pulse as he was transported to hospital.

SIU investigators were unable to determine if all of George's injuries occurred during his arrest, Tinsley said.

The Ipperwash standoff began after the Labor Day weekend in 1995, when protesters entered the park claiming it contained a sacred burial ground.

Deputy chief guilty of disobeying order

The deputy chief of P.E.I.'s Summerside Police Department was given a reprimand in February following a disciplinary hearing.

Dave Griffin received the punishment after he was found guilty of disobeying an order.

Retired provincial court judge Bert Plamondon found that Griffin was given a lawful order by the chief of police to conduct an internal investigation into the actions of a constable. Plamondon added the deputy chief should not have been the one to conduct the probe because of his bias toward the officer.

The former judge also found Griffin made public and false accusations that the Summerside Chief George Arsenaault obstructed him and tried to set him up. Plamondon said he found it regrettable that Griffin hasn't apologized for his comments and that an apology would help to resolve differences between the officers.

Plamondon said he felt a reprimand was sufficient because Griffin already served a 60-day suspension last year.

Griffin originally faced two counts of insubordination, but one count was stayed.

Montreal officers disciplined in Barnabe case



Two police officers were fired and another was disciplined in February by a Montreal police ethics commission for beating a suspect into a coma which he never recovered from.

Lieut. Michel Pohn and Insp. Jean-Pierre Auger were negligent and careless about Richard Barnabe's health while he was under arrest, the commission said when it dismissed the two officers.

Barnabe was arrested in December 1993 for breaking a church window.

Police said the 41-year-old taxi-driver was aggressive when they tried to restrain him and he suffered injuries that left him in a coma until he died in 1997.

Barnabe suffered a fractured jaw, nose, five broken teeth and numerous other fractures while in custody.

Pohn was in charge of the station where Barnabe was incarcerated. He ordered Barnabe be sent to hospital, but never inquired as to whether his instructions were carried out.

The commission found Auger, who was the station commander, had little interest in the incident and never launched an investigation into the matter.

Despite the fact that Pohn and Auger have already retired, the dismissals were more than symbolic, commission spokesman Yves Renaud said.

Cst. Karl Anderson was suspended for four months by the commission for using unnecessary force when Barnabe was arrested.

The three can appeal the ruling.

The Quebec Court of Appeal upheld the sentences of four other officers last December for their role in the Barnabe case.

Constables Louis Samson and Pierre Bergeron were ordered to serve their three-month prison sentences. Cst. Andre Lapointe received two months in jail and Cst. Michel Vadeboncoeur was given 180 hours of community service.

The four officers were convicted of assault causing bodily harm in June 1995. Two other officers were acquitted.

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Town honours police service



The members of the Fergus Police Service were honoured on Feb. 3 by the local Chamber of Commerce.

Each of the 14 members received the Corporate Citizenship Award, which recognizes continual interest in the improvement of the community and the welfare of the town.

While the award was a highlight in the 125-year history of the police service, the force's future isn't as bright. It is expected that the Ontario Provincial Police will take over policing in the town sometime in June.

Nevertheless, former Fergus police chief Rod Freeman said he was proud of the members of the police service and was honoured that the entire force was recognized by the community.

"I feel this award is an indication of how successful the members of the Fergus Police Service have been in breaking down the barriers that have traditionally existed between the police and the members of the private sector," said Freeman, who left the force in March and now serves as the chief of the Orangeville Police Service.

"Considering this is the final chapter for the Fergus Police Service, I am very proud we have been able to provide a professional level of service that our community appreciates."

All of Fergus' current uniform and civilian members are expected to join the OPP when the takeover is complete.

York police service makes major seizure



Police in York Region have made what they believe to be Ontario's largest seizure of a potentially fatal party and date-rape drug.

A month-long probe ended in February when police seized about four litres of Gamma-Hydroxy Butyrate, also known as GHB or Liquid Ecstasy, during a raid on a home.

The drug causes a high when mixed with alcohol. Large doses of GHB can result in cardiac arrest or respiratory failure, especially if it is mixed with other drugs.

GHB can also be used as a date-rape drug when slipped into someone's drink, Det.-Sgt. Bruce Powley said.

Regional police also seized European-made ecstasy pills and capsules, opium and equipment used to mix the chemicals to produce GHB.

Two men face drug-related charges.

Mounties facing DNA test backlog

The RCMP are turning down requests for DNA tests due to a chronic backlog, according to a report.

The number of requests for tests on DNA samples have grown so much that the lab has had to turn away samples from less serious cases.

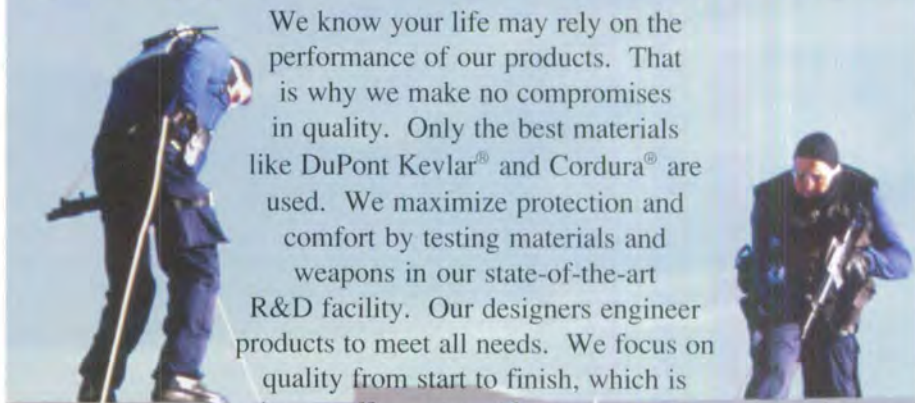
Obtained under the Access to Information Act, the report says the RCMP is considering establishing a premium service. This would al-

low police services waiting to arrest a potentially dangerous suspect to bypass the waiting list, if they paid an additional fee.

The six federal forensic labs currently have more than 800 cases awaiting analysis, the National Post reported in February.

The average analysis takes six-months to process, according to the report. But the report also says that in many cases a low priority sample may not be processed for several months.

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- 4) Wow, you look like the guy in the picture on my girlfriend's nightstand.
- 5) I thought you had to be in good physical condition to be a police officer.
- 6) Hey, you must've been doin' about 125 MPH to keep up with me! Good job!
- 7) I can't reach my license unless you hold my beer.
- 8) You're not gonna check the trunk, are you?
- 9) Gee, that gut sure doesn't inspire confidence.
- 10) I know you! You're the guy from the Village People right?



Chief of police witnesses heist



If he had known a chief of police was watching him the whole time, a lone gunman probably would have thought twice about robbing an Ontario credit union in February.

Sault Ste. Marie Police Chief Bob Davies was at the bank on his lunch break when he noticed a commotion between a customer and a teller.

While he couldn't hear what was being said, Davies did notice that the suspect had a handgun aimed at the teller and money was being handed over.

The chief, who was unarmed, waited until the robber fled before taking chase.

"I knew he was armed and I thought the prudent thing to do was don't confront him for the sake of a little bit of cash," Davies was quoted as saying.

Instead the chief used his cellular phone to call the station and followed the thief into some local apartment complexes.

Unfortunately, the suspect eluded police.



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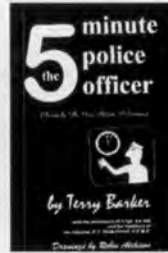
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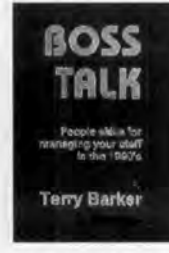
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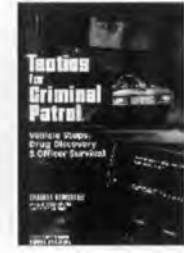
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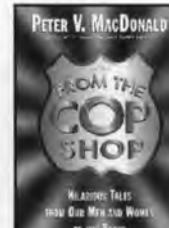
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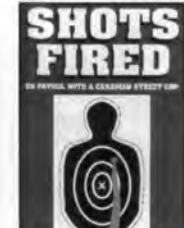
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This book takes you along for the ride as a 12-year veteran of the Vancouver Police Department describes some of his most interesting calls. The stories will help you understand what it's like to work Vancouver's high-crime areas.



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This book effectively bridges both the theoretical and practical aspects of police work. It surveys current research and policy to examine the structure, operation and issues facing policing in the 1990s and the approaching millennium.



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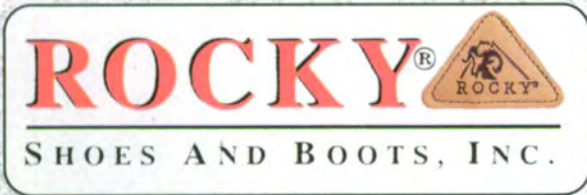
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