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Magna Charta

We will not make any constables but of such as know the law of the land and mean only to observe it

King John

This Issue



Deeds Speak

Indeed they do! While most police forces have played on the moto of "To Serve and Protect" the York Regional Police Force chose to look upon their motto in a different light. The following is an extract from their Strategic Plan for the next five years;

"Our moto, 'DEEDS SPEAK', is interpreted to mean 'Actions Speak Louder Than Words' and serves as an appropriate bridge between a proud past and a bright future. The motto was coined during the War of 1812 by the 3rd York Militia Regiment, in which many of the Home District Constables served. The home District included todays York Region, and as such, these constables were the forerunners of our modem day police. 'DEEDS SPEAK' must always serve as the foundation to all our endeavours."

As hosts of the 41st Annual Ontario Chiefs of Police Conference this police force lived up to their motto. This issue will give you all the details of the products which will be displayed at the OACP trade fair. We have supplied all the company phone numbers in case you are just too far away to attend. Next month we will present information about the Canadian Chiefs of Police Conference Trade Fair in Victoria.



Uses Blue Line As Standard

"Dispatch One" is a recently launched monthly newsletter for Auxiliary Police in Toronto. As an editor of this publication, I'd like to congratulate you for your magazine. Using Blue Line as a standard, our editorial team certainly has its work cut out.

It's great to see law enforcement information presented from a Canadian perspective. The practical nature of the articles is also commendable.

David Muir Toronto, Ontario

International Association of Women Police

For quite some time now I have been looking for information on and about the International Association of Women Police, and hoping to find it in your magazine. Unfortunatley, this has not been so. I was once a member, but through transfers etc., I let my membership lapse and now would like to renew it and get information on the next conference.

If you or your readers have the information requested, I would appreciate it very much.

Jean Seaborne Campbellton, New Brunswick

Editor's Note

Here are the contact people for you;

Cpl. Lynn Twardosky R.C.M.P. 400 Cooper Street, Ottawa, Ontario K1A 0R4 (613) 998-1731 Det Cst. Lee-Ann Ansell or A/Sgt. Brenda Glass Halton Region Police 1151 Bronte Rd. Oakville, Ontario (416) 634-1831 Ex 2316

The Association will be presenting their annual Training Sessions in Vancouver in September '93. Might be a good excuse to take a nice trip.

Worth Every Penny

Thanks for the magazine. You do a great job with Blue Line and it is worth every penny. Working on a small police force sometimes means information is slow to come your way. Your publication helps to ease this problem.

Carl Cameron Walkerton, Ontario

Officer Safety Important

Approximately two years ago your magazine ran an article on the topic of the importance of wearing a proper and full uniform when invovled in traffic control. The article stressed the importance of police officers wearing their uniform hat for both identification and visibility purposes in congested areas.

As the Operations N.C.O. of a large municipal traffic section, I would like to distribute this article to my members to add to

my own instructions and strong feeling to the importance that they be seen in congested areas.

J. E. Williamson, Burnaby RCMP Traffic Section

Editor's Notes

By all means! Feel free to copy as many as you want and hand them out. Coppers take a lot of things for granted these days. Traffic Control is the most dangerous job the average officer faces on a daily basis. Unfortunately it seems no one pays attention until a buddy gets hurt or killed.

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Commentary: J. Robert Hincheliffe

No Compromise On Quality

It has now been over ten years since the Ontario Soft Body Armour Programme was initiated by the Police Commission. That programme established quality control standards and testing procedures which became the benchmark throughout the country.

Soft body armour is now standard issue equipment in most police departments but we receive only as much information about it as we do about our handcuffs and traffic box keys. As a result, we are taking it for granted. We often don't wear it, we don't remember how to care for it and we are not completely confident that the civilians who purchase our equipment didn't just buy junk from the lowest bidder.

Lately the hawkers and peddlers have returned. They tell us stories which make us afraid our lives will not be protected by the vests we are issued. Then they enchant us with magical ingredients which reduce blunt trauma and pretty blue out-

garment vests onto which they will sew the shoulder flash of our police departments.

Because of these fears and dubious promises some of us are needlessly spending seven or eight hundred after tax dollars in the honest hope of getting a protection level which is not afforded to us by our issue vests.

It would be nice if someone could answer some basic questions about body armour, their standards and how they were established in a fashion we could all understand.

If there has been some development in the ballistic capabilities of armour fabrics, then the regulatory bodies should be encouraged to develop new standards. In this way we will be able to wear our issue vests with an appropriate confidence level and not feel that we 'must' spend our own money to obtain safety equipment which is and should continue to be provided for us by our employers.

Response: Morley Lymburner

The points made by this commentary are well put. Too many times the powers that be simply say "Trust Us". It is very difficult to determine if there are any hidden agendas behind the request for trust and history has shown all of us that many times trust simply isn't enough.

The new generation of police officer wants to be informed. Officers today want to get all the facts and make a reasoned judgement on what the next step should be. Gone are the days when a simple order was good enough.

Modern management is fully aware of this need to explain fully to those under their command. If the information is valid management is only too aware that it will get a positive response. This is because policing has come full circle. Today officers are expected to work as leaders in their communities. Modern management knows when officers are taught a military style strict discipline they can not depend on this training

when called upon to solve difficult family or community problems.

Much in the same manner good managers are only too aware of officers attitudes when it comes to equipment which falls short of the standards expected of them. Supplying officers with substandard equipment is fooling no one.

In too many cases agencies and governing authorities are simply flying by the seat of their pants. There are no standards and much like the King who wore no clothing it would take a nieve person to simply say it. "He isn't wearing any clothes!"

The only information we found about the ten-year-old vests was a study prepared by the Ontario Ministry of the Solicitor General's Policing services section. They state they performed tests on a random sampling of old vests and found all of them still met the minimum requirements of the Province. For what its worth there you are. Trust me!



Skull Reconstruction Identifies 1973 Murder Victim

By Dave Sills

In June of 1990 the Computer Assisted Recovery Enhancement System (C.A.R.E.S.) office of the Metropolitan Toronto Police received photographs of an unidentified human skull from the Delta Police Force in British Columbia with a request to reconstruct it in an effort to identify the deceased.



In The Beginning

This skull was received by the C.A.R.E.S Office of the Metropolitan Toronto Police from the Delta B.C. Police Force. To the untrained eye it would appear impossible to reproduce the facial features that once covered it.

The complete skeletal remains were found in a sewer on Highway 1 along with articles of clothing and jewelry. Evidence showed that the victim had been shot, dropped into the sewer and the lid sealed.

The in-depth reports from both the police and the pathologists accompanying the photos gave the approximate age, height, weight and waist size of the victim.

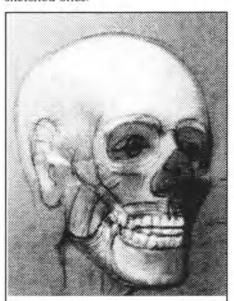
The only problem with the pathologists reports were that they could not agree on the race of this person.

It is most important in skull reconstruction to have as much information as possible even if seems to be unimportant. In the case of the Delta skull there was a belt which suggested he had a 30" waist. This obviously led us to the conclusion he was of slim build. The more

information obtained helps us to make a more accurate reconstruction of the deceased.

A preliminary drawing was worked up to figure out the features of the face. In the first efforts the skull took on the features of a white male.

Once the final drawing is made the artwork is scanned into the C.A.R.E.S. computer. The office mugshot photo files are searched to find matching features that can be used to replace the sketched ones.



The Reconstruction

The two Forensic Artists working in this unit are extensively trained in muscle structure by attending numerous autopsies. Armed with this knowledge they utilize their artistic talents and combine this with modern technology to reconstruct facial likenesses.

The final reconstruction of the skull is a composite of these photographic features

The composite was sent to the Delta Police to help with their investigation. In March 1992 we received three photos of a missing person from the Delta area who had not been seen since Oct. 1, 1973.

He was last seen with two well known heroin dealers. He was a known user and dealer himself.

The case is still under investigation even though he has been tentatively identified.

6

Over the past two years the C.A.R.E.S. office of the Metropolitan Toronto Police Forensic Identification Services have reconstructed sixteen skulls and six have been identified.

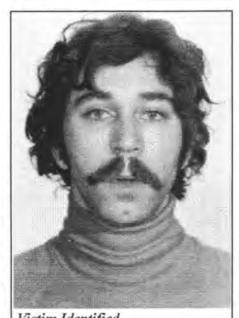
This is only one of several services that we supply free of charge to any police agency in the world.

Some of the others are aging of missing children and adults, composites of suspects, facial restoration and in some cases, mask removal from suspects.



The Final Composite

The final rendering is made possible through the composition of facial features using an indexed catalogue of several thousand mug shots. Each photo is carefully analyzed by the artists and stored by physical characteristics for future use.



Victim Identified

Known drug dealer and user in the lower mainland

B.C. area. Delta Police are still investigating



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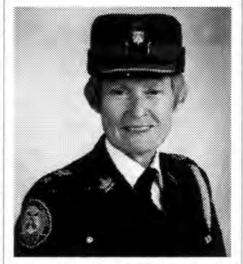
Four Deputy Chiefs Selected In New Succession Planning Policy

The Metropolitan Toronto Police Force recently selected four new Deputy Chiefs of Police in a new "Succession Planning Policy" developed through the cooperation of the Board of Commisioners and retiring Senior staff of the force.

"The Board has placed a high priority on planning for the next generation of leadership," said Susan Eng, Chairman of the Police Services Board". As a result, we embarked on the process of succession planning to ensure an effective transition of senior management."

In March the Police Force officially adopted a formal succession planning process that will see the four designated Deputy Chiefs assigned to work with the retiring Deputies to learn the duties and responsibilities of the positions for which they have been chosen.

Among the four Deputy designates was S/Superintendent Jean Boyd. This makes her the highest ranking female police officer in Canada. Her 28-year policing career reflects the advancement made by women in policing. When first hired, it was Force policy which saw women prohibited from carrying fire-



Deputy Chief (Designate) Jean Boyd, of the Metropolitan Toronto Police Force, retains her position as the highest ranking female officer in Canada.

arms and routinely transferred to the Womens and Youth Bureau.

Presently Boyd heads up the Support Operations Branch with a staff of over 1,000 and a budget of \$52 million.

Other members designated were Charles Maywood, David Boothby and James Clark. Maywood, a 42 year member of the Force, presently heads up the 500 member Detective Operations Branch. He will be the first officer promoted.

S/Supterintendent Boothby was selected to replace Maywood when he retires next February. Boothby is an internationally recognized Homicide Investigator.

Staff Superintendent James Clark is seen as an innovator particularly interested in planning and training issues. He presently heads up a 1,000 member District in the west end of the down town core of the city.

In the new selection criteria it was noted that the criteria for the position of Deputy Chief was "reflective of the Police Constable Selection Profile..." The selection criteria brief went on to say that, "As the force moves towards community policing, it is key that the senior officers exemplify the characterisites of the front line constables."

The new policy of succession planning, when introduced by the Chief and the retiring Deputies, is seen as a method of being fare to the rank and file as well as other senior officers. The new policy will assist new Deputy Chiefs learn in the specific duties expected and give the rank and file officers some idea who the future leaders of the Police Force will be.

Spas For Cops A New Trend

The next California trend seems to be spas for cops. Some San Diego entrepreneurs are thinking of developing a 3000 to 5000 acre camping resort for active, retired and reserve police officers.

The advantage to vacationing officers, consultant John Duffy told the San Diego Union, would be that they could camp without having to be "next to a bunch of bikers or people doing dope." The all-cop resort would offer tent and recreational vehicle camping, rental cabins, picnic grounds, clubhouse, horseback riding, hiking trails, swimming, tennis and archery - but no target shooting.

Drinking Drivers Fear Suspensions Most

An Ontario study corroborates the benefits of using licence suspensions to deter those convicted of drinking and driving offences.

Researchers from the Addiction Research Foundation in Toronto report that in the three years following court appearance, licence suspension was associated with reduced total collisions as well as alcohol-related crashes for both first and multiple offenders. Longer periods of licence suspension increased these benefits.

However, increased fines, longer jail

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sentences, and jail terms that did not permit offenders to report to work were associated with more subsequent crashes and alcohol-related traffic convictions, the researchers report.

Many courts have taken heed of this study and a considerable number of judges are levying longer suspensions than the minimum. Critics of the longer suspensions consider the policy a simple "Catch-Us-If-You-Can policy."

The study appeared in Vol.23, No.6, 1991 issue of Accident Analysis and Prevention

Blue Line

... news beat ... news beat ... news beat ...

Most Drivers Overrate Their Driving Abilities

Drivers tend to overrate their abilities, studies in the United States, Scandinavia, and other parts of Europe have indicated over the years. Now researchers at the Institut National de Recherche sur les Transports et leur Securite' in France confirm the misconception, with 60 percent of French drivers surveyed rating their skills superior to other drivers in general.

Regardless of whether they rated their skills better than average, most drivers claimed they commit fewer traffic offences than others. The implications are important for enforcement and media campaigns by traffic authorities, the researchers note, because drivers may think safety advice is directed to others, rather than themselves. Such misjudgments also may contribute to poor perception of traffic risks.

Drug Enforcement Conference Cancelled

The International Drug Enforcement Conference slated for June 8th has been cancelled. In a letter received from A/Superintendent Leo Campbell of the Metropolitan Toronto Police the cancellation was due to economic reasons.

"Budget constraints", Campbell stated, "have affected many police forces both in Canada and the U.S.A. Therefore, it is with great regret we find ourselves in the position of having to cancel the Drug Enforcement 1992 Conference, due to these economic times."

Campbell indicated although the conference was cancelled it will be rescheduled for a later date. This year's conference was to have for its theme a futuristic overview of drug enforcement on an international scale.

New Fraud Scam Involves Pagers

A Pager scam coming out of New York City has been ripping off citizens for \$5.00 each time the person calls a number.

Over the past several months a group of people in the New York City area have been scamming pager users and answering machine owners. This group uses a computer to generate calls to pager units and answering machines.

The computer, which automatically dials every telephone number in sequence, is programmed to activate when it hears the electronic beep transmitted by answering macines or pagers. The computer then leaves a message to call area code 212 and phone number 540-XXXX. (the XXXX being any four digits currently being used by the crooks).

If a citizen returns the call to the 540 exchange they are automatically billed \$5.00 on their phone bill. In this case no one answers but the bill is still sent. The 540 exchange is used by phone service clubs such as romance hot-lines and are the same as 900 exchanges in other areas.

The suspects close down the account before it gets too hot and later on start up another service with a different number.

Two Police Planning Groups Merge



The National Association of Police Planners and the Association of Police Planning and Research Officers have completed their final step in merging its 252 members by adopting an official name and logo.

The new International Association of Law Enforcement Planners began to merge three years ago and this year will see the first annual meeting without reference to the two old organizations.

IALEP, which Blue Line Magazine is a member, is designed as a platform by which members can share research, material, and innovations. Among its many other services IALEP puts out a bimonthly newsletter and an annual catalogue of projects member agencies have worked on

If interested in becoming a member write: IALEP, 1000 Connecticut Ave., Ste.9, Wahington, D.C. 20036.



FLASHES

By Tony MacKinnon

"Good Grief, was that you?... It smells like something a million years old died in here!"





Providing Quality Supervision

By Robert Hotston Supervisory Principles Editor

Despite its portrayal in both the news and entertainment media, policing remains an order maintenance function. However, even as police officers continue to respond to domestic violence, child abuse, the problems of the homeless and the challenges of working with a multicultural population, the public demand for "warriors" to fight crime increases.

In order to allow police officers to endure the significant psychological and physical risks posed by these demands, we must maximize their potential. We must effectively improve their quality of work life and then move to improve the quality of service we provide to the community.

Why is this important? Police supervisors and managers cannot effectively lead employees who are not treated with respect and dignity and then expect they, in turn, will treat citizens with respect and dignity. These are important values in a free society. As such they must be mirrored in the police organization in a democratic society, both inside and out.

Few police supervisors would admit they work in a way which shows little respect or regard for their employees dignity. Yet, many demand a centralization of decision-making and an uncompromising adherence to the "chain-ofcommand." This in turn produces an organizational structure which has little room for creativity, openness and feedback.

What do employees want? Research conducted by industrial psychologists has confirmed employees want these qualities in their work:

The opportunity to work with people who treat them with respect and who listen to their ideas for improvement

interesting work

recognition for good work

- a chance to develop their skills
- a chance for independent decisionmaking

the opportunity to work for efficient managers

a job that is challenging

the chance to see the end results of their work

knowledge about what is going on

With the move toward a community oriented policing philosophy we must ask ourselves if we are providing the leadership and supervisory styles which will allow for these needs to be met and reflect what community policing is about.

If we are to move forward with community-oriented policing, we must

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change the way in which we supervise and lead our employees. We must provide a style of supervision which reflects the consultative and cooperative nature of community oriented policing. This can be done by:

- Believing in, fostering and supporting team work
- Using problem-solving, not emotions, to make decisions
- Seeking employees' input before making any key decisions
- Believing the best way to improve the quality of work or service is to ask and listen to the employees who do the work
- Developing mutual trust and respect among employees
- Supervising based on the behaviour of the majority of the employees who are competent, not the minority who cause problems
- Improve systems and methods before blaming people
- Avoiding power-oriented, "I'm the boss", decision-making where possible

 Encouraging creativity through risk-taking and being tolerant of honest mistakes

- Being a coach and a facilitator
- 11. Encouraging feedback
- Working with employees as a team

Employees are entering the police profession with much different job expectations and values than those of their predecessors. They want, and expect, to be part of a team. They want their leaders to value their ideas and suggestions and allow them to take part in decision-making. If police supervisors and managers do not attempt to meet these needs, they will find themselves out of step with their employees as well as their communities.

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The program addresses issues such as: Inter-system Coordination Extensive Interview Techniques: * Young Boy/Teenage Girl Anatomically Detailed Dolls A Coordinated Court Preparation Approach to Child Sexual Abuse investigating The Calgary Society for International America is a serial and the Investigation of Child Multi-cultural Issues THE ITHESTIGUING TO POLONED OF "For The Kids" Includes: sexual Abuse is Ploud to announce the release of 60 Minute Video: their comprehensive training Program on maining program on investigating child sexual investigating child tested to obuse. This field tested Investigator's Manual: A 78 page, easy reference program was designed by source for front line experienced bolice and police and child child protection workers. protection personnel. It's a Universal application regordless of federal or Instructor's Guide: state (provincial statutes. A 125 page seminar complete package guide designed by "For The Kids" so and shipping. Extra professional trainers Investigator's Manuals (includes layouts nighty professional package produced at a package 1,60,000 cost of \$1,60,000 nighty professional available upon request for support materials such as overheads Cost: \$30.00 each. and flip charts). Allow 3-4 weeks for delivery Send orders to: CALGARY SOCIETY for the INVESTIGATION of CHILD SEXUAL ABUSE, Postal Box 42066. Acadia Postal Outlet. CALGARY, ALBERTA, CANADA, 12J 7A6 CALL TODAY: (403) 289-8385

Calendar Of Up-Coming Events

June 1 - 4 Traffic Crime Seminar Toronto, Ontario

The Metropolitan Toronto Police Traffic Operations will be hosting their third annual Traffic Crime Seminar. This event will include a week long series of seminars related to Hit and Run and serious accident Investigations. Members attending this years event will be broken up into investigative teams and carry out a detailed investigation of a fatal Hit & Runincident. Number of attendees is limited. For further information and registration contact Christina Stambulski at (416) 324-0557 or FAX (416) 324-1902.

June 22 - 26 O.A.C.P. 41st Annual Coference Markham - Ontario

The York Region Police Force will be hosting the 41st Annual Conference of the Ontario Association of Chiefs of Police. Although the conference is restricted to members the trade show affiliated with the event will be open to all emergency services personnel from June 22 to 24. The event will be held at the Sheraton Hotel at Highways 404 and 7 in Markham.

June 25 - 27 Canadian Police Officers Motorcycle Championships Shannonville - Ontario

For the first time the Canadian Police Motorcycle Championships are going international. The event, to be held at the Shannonville Race Track near Bellevillie, Ontario, will be presenting the best Canadian Riders and the best International Riders. The three day event will include officers from Canada, U.S., Eire, France, Northern Ireland, Belgium and Norway. Participation will be limited to 40 riders. Members wishing to participate may call Dave Stewart at (416) 831-2013.

July 12 - 17 Asian Organized Crime Strategies for the 1990's Calgary - Alberta

The RCMP and Calgary Police Service will be hosting the 14th International Asian

Organized Crime Conference. The conference will include key-note speakers and a full agenda of social events and companion activities. Contact Darrell Wilson or Carmen McKnight at (403) 268-8530 or FAX (403) 265-6330

August 2 - 7, I.A.A.T.I. Discovery 1992

Toronto - Ontario

The Metropolitan Toronto area police forces will be hosting the International Association of Auto Theft Investigators 1992 training seminar. All police agencies in and around the Metropolitan Toronto area will be assisting with this international event. The convention will include seminars, workshops and exhibitor displays related to the auto theft prevention industry. Contact person is D.Sgt. Chris Hobson (416)324-6260 or Roger Overton (416)252-5215.

August 3 - 7 Blue Knight's Convention Prince Albert - Saskatchewan

The Prince Albert Branch of the Blue Knights are proud to host this years convention to be held in Prince Albert, Saskatchewan. This event is open to all members of the club from across Canada and the United States. For further information contact Ed Herr, RR.#5, Site 28, Box 31, Prince Albert, Sask. S6V 5R3.

August 22 - 27 C.A.C.P Convention Victoria, British Columbia

The Canadian Association of Chiefs of Police will hold their 87th Annual convention at the Victoria Convention Centre. The trade fair will be open to all law enforcement officers from August 23 to 25.

September 21 - 25 Profile 2000 Toronto - Ontario

The Metropolitan Toronto Police Sexual Assault Squad will present a four day sex crimes seminar. Several experts and international key-note speakers will be featured. For further details contact Sgt. Wendy Lever at (416) 324-6060 or FAX (416) 324-0697.

September 28 - October 1 Community Based Policing: Implementing the process Ottawa - Ontario

A symposium focusing on key elements involved in the implementation of Community Based Policing: problem solving process; developing community involvement; strategy evaluation; and data analysis. Contact Chris Walker (613) 747-2070 or FAX: (613) 747-2070

October 13 - 16 Western Canada Traffic Conference

Saskatoon - Saskatchewan

The W.C.T.A. is an association of traffic professionals from the engineering, enforcement and education fields working toward promoting research and education. For further information contact Murray Totland at (306) 975-2631

February 8 - 12 International Law Enforcement Winter Games

Ottawa - Ontario

The 1993 games will be hosted in Ottawa. The games will be sponsored by the Ontario Law Enforcement Athletic Association. All swornFederal, Provincial, and Municipal Law Enforcement Officers, active or retired, are eligible. Events include Badminton, Basketball, Broomball, Curling, Darts, Hockey, volleyball, and skiing events. For further information call (613) 225-1204



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1885 Briarcrook Cres., Mississauga, Ont. L4X 1X3 (416) 625-8061 Fax: (416) 625-4911.



41 ST ANNUAL CONVENTION



Special Show Guide



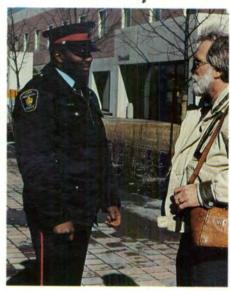


Host Chief Donald Hillock





Deeds Speak





41st O.A.C.P. Conference 1992



TRADE SHOW

The York Regional Police invite you to view the exhibits at the

Sheraton Parkway Hotel

600 Highway 7 East
(At Highway 404)
Richmond Hill, Ontario
(416) 881-2121

Monday, June 22, 1992 8:00 A.M. to 5:00 P.M. Tuesday, June 23, 1992 8:00 A.M. to 5:00 P.M. Wednesday, June 24, 1992 8:00 A.M. to 3:00 P.M.

Exhibits Relating To Public Safety Include...

Computer Equipment

Safety Equipment

Investigative Aids

Consultants

Transportation

Telecommunications

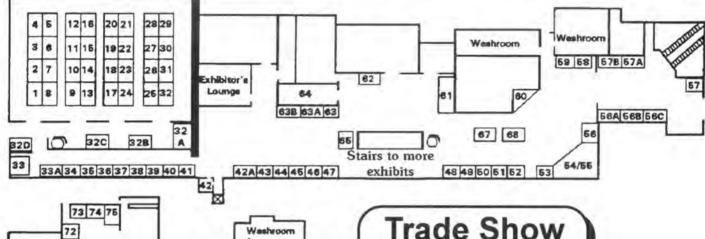




Totoommunion







The Trade Show of the 41st Annual Conference of the Ontario Association of Chiefs of Police is the largest show ever held. A total of 87 companies will be displaying their products in 100 booths on two levels of the Sheraton Parkway Hotel at Highways 7 and 404 in Richmond Hill.

Stairs to more

exhibits

84

For the first time this three day trade show will be open to all members of any law enforcement agency as well as all other emergency services personnel. Free Admission to the Trade Show will require the production of official identification of the agency.

This Show Guide Section of Blue Line Magazine has been supplied to assist delegates, invited guests, and trade show attendees to better plan their visit to the Trade Show Floor. This page lists the names of the companies and organizations as well as the location where they can be found at the show

The balance of the Guide will give you some further details about the companies, the products they will be displaying and the contact phone numbers for further information.

Sheraton Parkway Hotel Richmond Hill

- #1 Unisys Canada Incorporated
- #2 Bristol Leathers & Sporting Wear
- #3 & 4 Superior Propane Incorporated
- #5 MBB Helicopter Canada Limited
- #6 KM Video and Security
- #7 Dyplex Communications
- #8 C. Dawkins Associates Incorporated
- #9 Stokes Cap & Regalia
- #10 Lees Motivation Canada
- #11 PRC Management Services
- #12 John C. Prestons
- #13 & 14 Corcan Correctional Services Canada
- #15 Vision Systems
- #16 Sainthill Uniforms Limited
- #17 Bell Radio Communications
- #18 Glock Incorporated
- #19 I.I.C.P.I & Superior Data Systems
- #20 Printrak International Incorporated
- #21 Bowmac Gunpar Limited
- #22 Evin Industries Limited
- #23 Total Life Maintenance
- #24 Strathcraft
- #25 A.T. Designs Insignla Limited
- #26 Canadian Body Armour
- #27 & 28 M.D. Charlton Company Limited
- #29 Cads Enterprises Limited
- #30 Spectralite
- #31 Thompson Professional Publishing
- #32 Dictaphone Canada Limited
- #32A BMW Canada Incorporated
- #32B Alexander Manufacturing of Canada
- #32C Pacific Body Armour
- #32D Blue Line Magazine
- #33 Federal Signal Canada Limited
- #33A Canada Law Book Incorporated
- #34 Identicard Limited
- #35 Maher Contract Sales
- #36 Triangle Technologies
- Tetragon Tasse Distributing Incorporated
- #38 Moreguard High Security Products
- #39 L.R. Evanson & Company

- #40 & 41 Triform Business Products
- #42 Scotia McCloud

Floor Plan

- #42A Kolder Canada
- #43 47 Shuriken Distributors Incorporated
- #48 Alcohol Countermeasure Systems Corp.
- #49 Kirkpatricks Incorporated
- #50 Teledyne Canada Metal Products
- #51 & 52 R Nicholis Incorporated
- #53 Victim Programs Consultants Limited
- #54 & 55 Ericsson General Electric
- #56 Young Ideas
- #56A & 56B Thomas Electronic Security ltd.
- #56C Fred Deeley Imports Limited
- #57 Law Enforcement Torch Run
- #57A Calibre Press
- #57B OCS Technologies
- #58 & 59 Strohn
- #60 Barrday
- #61 Navair Limited
- #62 Apple Computers
- #63 Intersol Consulting Associates Limited
- #63A Carruthers Shaw and Partners Limited
- #63B Ministry of Correctional Services (Trilcor)
- #64 Motorola
- #65 Imagineering
- #66 Complimentary Coffee & Refreshments
- #67 Comnetix Computer System
- #68 Bull Information Systems
- #69 Malga Incorporated
- #70 Law Enforcement Television Network
- #71 George Ferrier
- #72 Taylor's Technical Gunsmithing
- #73 & 74 Ministry of Solicitor General (OMPPAC)
- #75 Ministry Of Solicitor General (Policy Dev.)
- #76 Blauer Manufacturing Company Inc.
- #77 Sean Burgess
- #78 W & S Consultants
- #79 & 80 Polarold Canada Incorporated
- #81 Night Sight Systems
- #82 Bodyguard Canada
- #83 Deskin Incorporated
- #84 NGR Consulting
- #85 Taylored Uniforms Limited
- #86 Power Vision Data Systems
- #87 Berretta U.S.A. Corporation



More and more Canadians are thinking about their reasons.

For some time now, the Brewers of Canada have been asking Canadians to think about their reasons for drinking responsibly – for planning ahead to get home from a party safely, for realizing that a drink has a right time and a right place, and for giving their lifestyle a healthy balance.

And, along with other programs like R.I.D.E., the message is working. In the area of drinking and driving alone, Government statistics indicate that in the last nine years, the rate of impaired driving charges has gone down by 36%.

There's still much more to be done – by all of us. But attitudes are changing. People are realizing that they have reasons to drink responsibly.

The Brewers of Canada have an on-going commitment to the Responsible Use Program, and we thank all responsible Canadians for their support.

Please Drink Responsibly.



The Brewers of Canada



O.A.C.P. Trade Show Exhibitor's Profile

#48 Alcohol Countermeasure Systems Corporation

Display will include a variety of drug and alcohol testing equipment available to law enforcement agencies. Mississauga, Ontario Phone: (416) 670-2288

#32B Alexander Manufacturing

The leading supplier of replacement batteries for two-way communications equipment. Commitment to research and development and rigid quality control keep us on the leading edge of the communications battery industry. Mississauga, Ontario Phone: (416) 568-9877 Fax: (416) 568-9879

#62 Apple Computers

Suppliers of police oriented computer systems and software targeted to police and institutional use. Markham, Ontario Phone: (416) 513-5798 Fax: (416) 513-5793

#25 A.T. Designs Insignia Limited

Manufacture and sale of promotional and customized materials such as lapel pins, wallet badges, tie tacks, engraved plaques, cups and hats. Scarborough, Ontario, Phone: (416) 289-0509

#60 Barrday

Canada's premiere police vest manufacturer. Our revolutionary ballistic resilient materials and products are under constant testing. Barrday... meeting your requirements for body and tactical armour. Cambridge, Ontario Phone: (519) 621-3620 Fax: (519) 621-4123

#17 Bell Radio Communications

Canadian developer of the rugged UMC 3000 laptop computer designed specifically for police use in Canadian conditions. The unit will be presented and demonstrated at the OACP exhibition. Mississauga, Ontario Phone: (416) 890-0000 Fax: (416) 890-1949.

#87 Berretta U.S.A. Corporation

Manufacturer of Quality handguns for military and law enforcement use. Accokeek,

Maryland, USA Phone (301) 283-2191 Fax: (301) 283-0435

#76 Blauer Manufacturing Inc.

Manufacturers of a complete line of law enforcement uniforms, hats, winter and all season clothing as well as a complete line of high visibility duty garments. Boston, Mass., USA Phone: (708) 416-8966 Fax: (708) 416-6032

#32D Blue Line Magazine

"Canada's National Law Enforcement Magazine". Dedicated to the profession and the professional development of its most important asset... YOU! Markham, Ontario, Phone: (416) 640-3048 Fax: (416) 640-7547

#32A BMW Canada Incorporated

"Responsibility means no compromise." See our K100LT. The police motorcycle that incorporates the ABS system designed to give the officer more control in any road conditions, from dry pavement to rain, sleet, sand or oil patches. Whitby, Ontario Phone: (416) 683-1200 Fax: (416) 666-3672

BARRDAY # GUARD





Barrday, Canada's premiere police vest manufacturer, has produced over 30,000 personal body armour units.

The Advanced Tactical Armoured Vest (ATAV) is an adaptable vest that can be tailored to meet the needs of any tactical team. Pockets can be custom made and mounted to suit your needs. The ATAV is a level IIIA vest with plate pockets for level III or IV plates. Options such as removable sleeves and hood for explosive entry are available. Barrday also produces tactical ballistic shields and panels.

Our revolutionary ballistic resilient materials and products are under constant testing.

BARRDAY-GUARD meeting your requirements for body and tactical armour

Barrday

For further information contact: EAST: Barrday Inc., 75 Moorefield St., P.O. Box 760, Cambridge, Ont. N1R 5W6 Tel: 519-621-3620 WEST: Barrday Inc., 5651 Minoru Blvd., Richmond, B.C. V6X 2B1 Tel: 604-273-1144 Allied Signal





#82 Bodyguard Canada

Markham, Ontario Phone: (416) 946-8851

#21 Bowmac Gunpar Limited

Lakefield, Ontario, Phone: (416) 432-7468

#2 Bristol Leathers & Sporting Wear

Police Leather Jackets and other products of interest to the law enforcement field. Montreal, Quebec, Phone: (514) 279-6380

#68 Bull Information Systems

Computer Systems

Markham, Ontario Phone: (416) 513-2331 Fax: (416) 513-2250

#8 C. Dawkins Associates Inc.

Ontario's fastest growing supplier of police promotional & specialty advertising products: pens, lapel pins, tie tacks, buttons, coffee mugs etc... Contact our experienced staff for assistance.

Toronto, Ontario Phone: (416) 252-5785

#29 Cads Enterprises Limited

Manufacturing emergency services outerwear

and jackets. New and advanced outer fabrics and styles, specializing in police patrol jackets that are waterproof, windproof and breathable. We stress COMFORT!!! Available to custom build to suit your officers' needs. Currently in use in Alberta, Manitoba and Saskatchewan.

Saskatoon, Saskatchewan, Phone: (306) 244-7744 Fax: (306) 934-6022

#57A Calibre Press

Suppliers of Police training texts and videos along with an array of related material. Company also produces and presents the Street Survival Training seminars scheduled for the Toronto area this coming November 11 to 13. Northbrook III. USA Ph. (708)498-5680 Fax: (708)498-6869.

#33A Canada Law Book Inc.

Manufacturers of various law books including the Martin's Criminal Code. Aurora, Ontario, Phone: (416) 841-6472

#26 Canadian Body Armour

Manufacturer of over 35 different styles and types of personal body armour, police raincoats, streetsmart jackets, SWAT and special forces coveralls, jackets and pants, cap covers and custom design and development involving all manner of police related textile

Brampton, Ontario, Phone: (416) 456-1090 Fax: (416) 456-1095

#63A Carruthers Shaw and Partners Architects for police facilities.

Toronto, Ontario Phone: (416) 977-7485

#67 Comnetix Computer System

A proven leader in law enforcement systems, is showcasing their latest product lines incorporated in the NEXT Computer Systems, Demonstrations of their electronic imaging. which incorporates full data entry on a user friendly system, will be presented.

Mississauga, Ontario Phone: (416) 274-4060 Fax: (416) 271-7776

#13 & 14 Corcan -

Correctional Services Canada

Inmates in federal penitentiaries manufacture a line of products under the CORCAN trademark. Quality goods and services such



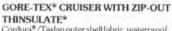
RIDE LEVEL III RETENTION DUTY HOLSTER

Features mid ride, straight drop cant, a thumb break with one directional snap, and a middle finger release tab.



0705 1.50" BELT DROP, LEVEL III RETENTION

same as the 070 Holster but the 0705 lowers the holster body and handgun grip by 1.50" providing quick, comfortable access to the pistol.



Cordura*/Taslan outer shell fabric, waterproof breathable Gore-Tex* Z-Liner* membrane, sipout lining of Thinsulate*. Two-piece sleeves, 10" side zippers with snap tabs, 2" elastic waistband, 26" long.



NEW 1992 MODELS RUGER P89DAO

Calibert 9mm, Ambidextraus. Stainless steel finish. Magazine capacity, 15 rounds. Decock only or double-action only models available.



SIG SAUER P229

The new Law Enforcement pistol in caliber .40 S&W. Mechanically locked, recoil operated autoloader, Double-Action/Single Action trigger, Magazine capacity: 12 rounds Also available in double-action only.

THESE PRODUCTS AND MORE AVAILABLE FROM



2475 de la Province, Tel.: (514) 442-9215 Fax: (514) 442-9581

3120 Glen Erin Drive, Unit 16 Longueuil, QC J4G 1G3 Mississauga, Ontario L5L 1R6 Tel.: (416) 828-1942 Fax: (416) 828-7749





as reception/lounge furniture, office seating, computer workstations, modular steel shelving, and dormitory/residential furniture are a few examples of the fine products which are available to you from this non-profit organization. Scarborough, Ontario Phone: (416) 973-8270

#83 Deskin Incorporated

Markham, Ontario Phone: (416) 475-1412 Fax: (416) 474-9105

#32 Dictaphone Canada Limited

Introducing the New Series 9800 (DAT) Multi-Channel Digital Logger which provides the capacity to record up to 168 channel hours on a single cassette. Digital dictation systems for efficient Police reporting, digital and analogue voice loggers for back up of critical audio communications. Etobicoke, Ontario Phone: (416) 621-7600 ex. 100

#7 Dyplex Communications

Will be introducing the new ATIS/UHER VCG Logging recorder which uses a standard VHS recording tape with 27 hour capacity. In addition to many other Logging/Re-

corder products, Call Check Recorders; Unex Dispatch Headsets; David Clark Headsets; and a wide range of portable surveillance accessories. Mississauga, Ontario Phone: (416) 828-6861

#54 & 55 Ericsson General Electric

Manufacturers, suppliers and distributors of police radio and telecommunications equipment. Mississauga, Ontario Phone: (416) 629-6700

#22 Evin Industries Limited

Evin Industries of Lakefield, Ontario, will displaying a variety of items of interest to the law enforcement profession including Glock handguns, Federal Ammunition, Pachmayr Grips, Michaels of Oregon Law Enforcement Products, HKS Speedloaders and Safariland body armour and products. Montreal, Quebec, Phone: (514) 288-6233

#33 Federal Signal Canada Ltd.

Distributors of emergency lighting and siren equipment for police and emergency response vehicles. North York, Ontario, Phone: (416) 499-1200 Fax: (416) 499-1221

#56C Fred Deeley Imports Ltd.

Fred Deeley imports will display it Harley Davidson Motorcycle package presently available for police fleet purchases. Weston, Ontario Phone: (416) 741-5445

#71 George Ferrier

Guns and gun supplies Lefroy, Ontario Phone: (705) 456-3777 Fax: (705) 456-2150

#18 Glock Incorporated

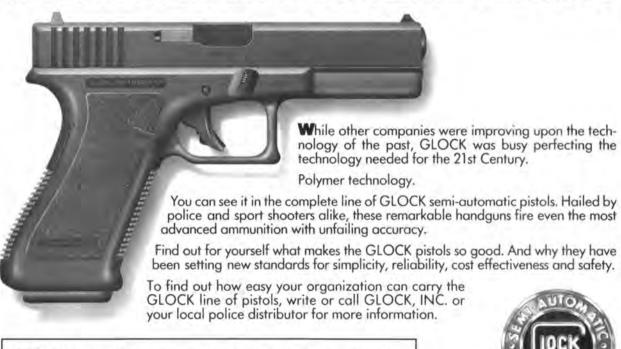
Austrian based Manufacturer of the popular series of Glock semi-automatic hand guns designed for the law enforcement professional. Smyrna, Georgia, USA Phone: (613) 825-4842

#34 Identicard Limited

Servicing the police forces across Canada, for the past 15 years, with photo identification warrant cards, as well as fire departments, hospitals and companies that require security photo ID cards.

Rexdale, Ontario, Phone: (416) 675-2300

SOMEDAY ALL HANDGUNS WILL BE THIS GOOD.



ATTENTION: All Law Enforcement officers should be familiar with basic firearm safety rules.

Thoroughly read and understand the users manual that is supplied with your firearm. Never use any firearm unless you completely understand its operation and safety features.



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#19 I.I.C.P.I And Superior Data Systems

Cookstown, Ontario Phone: (705) 458-4081

#65 Imagineering Limited

Consulting Engineers

Toronto, Ontario Phone: (416) 444-1600

Fax: (416) 444-2200

#63 Intersol Consulting Associates Ltd.

Ottawa, Ontario Phone: (613) 258-7537

#12 John C. Prestons

Toronto, Ontario Phone: (416) 925-3341

#49 Kirkpatricks Incorporated

Leather products for law enforcement agencies. Products include belts, holsters, handcuff cases, batons & holders, motorcycle leggings, badge wallets. Made in Canada Since 1881. Markham, Ontario Phone: (416) 475-2206

#6 KM Video and Security

Panasonic closed circuit television equipment and industrial video products. Interview room recording equipment featuring a new highly sensitive microphone and a monitor/VCR combination. Mississauga, Ontario Phone: (416) 629-1446

#42A Kolder Canada

Scarborough, Ontario, Phone: (416) 724-4592 Fax: (416) 724-4594

#39 L.R. Evanson & Company

Empire Shirt Ltd., established 1894, third generation of family ownership. All style shirts, police, military, service and dress, shipped directly from factory to customer, friendly service par-excellence. Toronto, Ontario Phone: (416) 485-1991

#70 Law Enforcement Television Network

Police training and upgrading by television and designed on a regular programming schedule. Texas Phone: (214) 417-4779 Fax: (214) 417-4714

#57 Law Enforcement Torch Run

The Law Enforcement Torch Run for Special Olympics raised over \$1 million last year. It is the single largest fund raiser for Special Olympics in Canada. Come and see the forces and the faces who helped make it a success. Toronto, Ontario Phone: (416) 324-0515

#10 Lees Motivation Canada

We design and create crested police awards and gifts, uniform badges and crests, custom rings, watches, pendants etc., hat badges, lapelbadges, pocket badges and badge cases. All items customized to your specifications! Hamilton, Ontario Phone: (416) 529-9299

#27 & 28 M.D. Charlton Company

Providing Canada's peace officers with comprehensive product distribution, training, and after sales service. Brentwood Bay, British Columbia, Phone: (604) 652-5266

Anatomy of a Legend...

Official Choice Of The U.S. Military. The Beretta 92F has twice beater all competition in exhaustive testing by the military. In fact, the WB (82F) a choiced an unprecedented reliability performance of 35,000 Mean Rounds Between Operational Mission Failure (MRBF). Recent military test reports indicate Beretta pistoh have fired over 168,000 rounds without a failure. The combat proven 92F is the standard sidearm of the U.S. military and law euloroement agencies around the world.

Operating Systems. Beretta offers four operating systems for the 922/96 series pistale double/single action with external safety/decocking lever (F Models), double/single action, with external decocking lever only (G Models), double action only without safety lever, (I) Models and double action only with external safety lever (I) S Models).

Open Slide Design. Open top slide virtually eliminates malfunctions due to jamming or stovepiping and in the rare event that one occurs, the design allows for quick clearing. It also allows the user to easily reload the chamber one round at a time.

Double Action Trigger. This pistol is always ready for immediate firing by pulling the trigger for the first round in double action—cocking the hammer and releasing it. The second and all subsequent rounds are fired single action.

Reversible Magazine Release Button. Conveniently located alongside the tragger guard, it may be positioned for use by ether right or left-handed shooters. Allows flast reloading because a fresh magazine can be kept at the ready in the shooter's free hand. The magazine in the gun drops completely free when released.

Capacity. The 92 Series pistols offer magazine capacities of 15, 13, and 8 rounds in 9mm parabellum. The Model 96 is chambered for the new .40 cal. cartridge and has a 10 round magazine.

No Glare Finish. Beretta's exclusive Bruniton® nonreflective matte black finish is a superior corrosion resistant coating that has consistently passed all military salt spray tests ensuring maximum protection against rust and related malfunctions. Longer lasting than typical blued finishes, Bruniton® resists excessive deterioration due to holster war.

Materials And Construction. All 92 Series pistols are manufactured from the highest quality materials using sophisticated CNC machinery to ensure flawless performance.

Slide: Machined from high strength steel and Bruniton® coated to a matte black finish for greater durability.

Frame: Machined from lightweight aluminum/ zirconium aircraft alloy.

Barrel: High strength nickel chrome moly steel and hard chrome lined for long life. Grips: Black plastic sand blasted to a matte finish.

Wood grips available.

Quick Pick-Up Sights. Standard 3-dot sight system is designed for quick target acquisition. 3-dot tritium night sight system also available.

Unique Ultra-Safe Design. The safety levers on the slide also function as the pistol's decocking levers. When pushed down, the rear part of the firing pin (striker) is angled out of alignment with the front part of the firing

pin. A falling hammer can never break safety and cause an accidental discharge.

Automatic Firing Pin Block. The front part of the firing pin is blocked from any forward movement until the trigger is pulled back.

Ambidextrous Safety. Easy access by the thumb of a right or left-handed shooter, it is spring loaded so it's either positively "on" or positively "off."

Disassembling Latch. A simple, effective device that allows for easy field-stripping.

Chamber Loaded Indicator. When a round is chambered, the extractor protrudes slightly to show a red indicator. In the dark, the user can feel the protruding indicator.

Sure, Firm Grip. The front and back of the grip are grooved, and the trigger guard is squared off and grooved for a firm grip using one to two hands or gloves. The grip frame is flared slightly at the bottom to enhance pointability and control during firing.







#35 Maher Contract Sales

Distributors of footwear for police, law enforcement and service industries.

Toronto, Ontario, Phone: (416) 368-5503 Fax: (416) 368-6818

#69 Malga Incorporated

Unionville, Ontario Phone: (416) 971-5728 Fax: (416) 595-9617

#5 MBB Helicopter Canada Ltd.

Manufacture and sales of helicopters designed for emergency response and support for military, police and ambulance services. Fort Erie, Ontario Phone: (416) 871-7772

#63B Ministry of Correctional Services (Trilcor)

Manufacturers of quality products such as flame retardant mattresses and blankets, security gowns, quilts, security furniture, grillwork, locks, van conversions, etc.

North Bay, Ontario Phone: (705) 494-3355

#73 & 74 Ministry of Solicitor General (OMPPAC)

Developers of the Ontario Municipal and Provincial Police Automated Computer system. They will be providing a full demonstration of the system and a look at some new related hardware.

Toronto, Ontario Phone: (416) 965-5127

#75 Ministry Of Solicitor General (Policy Development)

This Branch is responsible for developing innovative programs to support police services, communities and corporate sectors, across the province, in their community policing, crime prevention and law enforcement initiatives.

Toronto, Ontario Phone: (416) 965-1112 Fax: (416) 963-3282

#38 Moreguard High Security Products

This unique company will display systems, equipment and architectural designs that increase security and protect people and struc-

tures from bullets and bomb blasts.

Ottawa, Ontario Phone: (613) 523-4016

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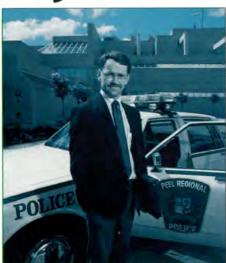
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Automated Fingerprint Identification Systems

A User (Cost) Friendly Crime Fighter

By Gene Pankewich



In November 1991 The RCMP AFIS system in Ottawa linked up with the Joint York Region/Metro Toronto Police system. Shown here making the ceremonial link are, from the left, Mr. Lloyd Bunbury (RCMP AFIS Manager), RCMP Supt. Wm. White, Metro Toronto Chief William McCormack and York Region Chief Don Hillock. Mr. Ralph Park , York Region Fingerprint Technician, demonstrates the use of the AFIS workstation linked to the main unit kept at Metro Toronto Police Headquarters.

The economic recession has brought a lot of financial pressure to bear on police agencies. Police agencies are implementing policies hoping to reduce operating costs and still provide an adequate police service. In the ongoing battle to improve the overall efficiency of The Metro Toronto Police Force, business orientated strategies have been adopted and implemented at the operational level.

One of these strategies makes each unit fiscally responsible for their spending. A computerized financial system allows units to monitor their various financial accounts and on a monthly basis, unit commanders must account for

spending that exceeds the projected amount of their portion of the Force budget.

In this type of an economic environment, it becomes more difficult to justify the purchase of what can be perceived to be new and costly technology. In the case of police agencies, if it is possible, an analysis of the anticipated crime solving benefits may help to gain support at the decision making level. If this can be combined with an analysis which demonstrates the financial benefits to be derived, an onus may be placed on the decision makers to explain why they decided not to purchase a given technology.

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One method for obtaining objective data is to seek information from other agencies who have already acquired the technology you are seeking. It may be possible to incorporate factual information into your proposal which demonstrates that purchasing certain technology will not only lead to a higher crime solution rate, it can be the beginning of a money-saving strategy that reduces the operating cost of a police force.

Consider Automated Fingerprint Identification System (AFIS) technology and the impact it has made on the Metropolitan Toronto Police Force. These factors may apply to your police force

Partners In Shared Technology

In basic terms, AFIS technology is the application of computer processing to the storage, search and comparison of fingerprint impressions. The Metropolitan Toronto Police Force purchased Printrak Orion AFIS technology in October 1988. The system was installed in

August of 1989 and following training and post delivery testing, fingerprint processing began the first week of October 1989.

In June 1990, the York Regional Police Force acquired a Printrak Orion Latent Workstation and

became our AFIS partner via a dedicated line. Both agencies share tenprint and unsolved crime scene impressions which are stored in the system databases. Both agencies have the capability to search the entire fingerprint database or restrict a search to individual agency tenprint and/or crimescene records.

York Region and Metro Toronto use the system for "forward searches", i.e. a crimescene impression is searched against the tenprint database and "reverse searches", i.e. all ten fingerprints on a fingerprint form are searched against the unsolved crimescene database. The tenprint record is always stored in the

Blue Live

May, 1992

database after it has been searched against all the tenprint records in the system.

The crimescene impression is stored when a search does not lead to a match. We also search unsolved crimescene impressions against the unsolved crime scene database which can indicate whether a 'serial' offender is active in our jurisdictions.

Both agencies have achieved crime scene identifications following a search of the other agencies records. An example of this occurred on April 23, 1992 while I was preparing this article. At 10:00 a.m. Ralph Park, the fingerprint technician for the York Regional Police Force, called to advise me that he had initiated a reverse search using a York Region tenprint record and identified a crimescene impression from a Homicide Scene dating from 1990 in Toronto.

At 10:56 a.m. I was able to call him back and advise him that one of our technicians had initiated a reverse search of a Metro Toronto tenprint record and identified a York Region crime scene impression from a Sexual Assault that occurred in 1990.

This is a good example of two different police agencies gaining benefits following a decision to purchase the same type of compatible technology.

Reverse Search Capabilities

Our Orion system automatically performs reverse-searches for every tenprint form loaded into the system. To date, approximately sixty percent (60%) of our crime scene identifications have been achieved as a result of the reverse search process.

In the past, the Forensic Identification Services unit never had the resources to perform reverse searches due to the daily incoming number of prisoner tenprint forms (current average is 4000 per month) and the size of our crime scene files.

In the pre-Orion era, the only reverse searching our unit performed occurred when the fingerprints of suspects were provided by investigative and uniform officers in the field. These were manually compared to a series of suggested criminal occurrences. Suspects were also provided by the Handwriting Analysis Section of the RCMP. These manual suspect reverse searches still continue and account for an average of five hundred (500) criminal occurrence identifications per year.

In the pre-Orion era, two officers and one fingerprint technician each expended

"Officers have transported pieces of glass from an entry scene to our unit... scanned directly from the glass dentifications have been made in minutes while the officers watched."

an average of 5 hours per day performing manual forward crime scene searches against a small individual (Battley) fingerprint file of known criminals. The small size of the file combined with the time consuming manual searching, netted an average of ninety (90 non-suspect) crime scene identifications per year.

This is not a cost effective application

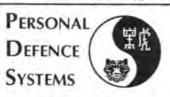
of human resources when AFIS technology is available which can search up to four thousand (4,000) fingerprints per second, as our present Orion configuration allows. When our system became operational in 1989, the salary for a first class constable was \$44.836.00.

Consider the annual monetary cost, using the 1989 figure as a reference and allowing for 1,175 hours (5 hours x 5 days x 47 weeks) of manual search time for one first class constable. The 1989 cost to our Force in salary alone, not including benefits, would have been (\$21.56 x 1.175 hours) \$25,333.00. This

does not take into consideration all the time spent by other forensic officers who manually searched

their own crimescene impressions when time allowed.

The Orion technology has allowed the 12,188 crime scene impressions currently residing in our database to have been loaded and searched by one officer. This has made the two other officers available for other duties in the unit. Instead of being limited to a small



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criminal file, a forward search can be initiated against our (current) database of 620,000 individual fingers in our tenprint file and against more than 23,000,000 individual fingers in the RCMP Orion database.

Had we not purchased the Orion technology, in the past three years our unit would have theoretically achieved 300 in-house manual forward search crimescene identifications. The minimum cost would have been (\$25,333.00 x 3 officers x 3 years) \$227,997.00 at the 1989 salary rate. This does not take into account the associated cost of benefits and the subsequent pay raises.

In 1990, our first full year of Orion processing we achieved 323 crime scene identifications against a database of 26,051 tenprint records. In 1991 we achieved 501 crime scene identifications against a database of 50,366 tenprint records. By March 10, 1992 we had achieved our 1,000th crime scene identification against our own database of 60,568 tenprint records. Our current 1992 crime scene "hit" rate has increased to almost twice of what it was in April 1991. At this current rate we

Starting Next Month

In the Summer issue of Blue Line Magazine we will be presenting our first attempt at classified ads. We will dedicate a maximum of one page to this experiment on a first-come-first-serve basis. The summer issue will be free of charge. (We suggest you use a FAX).

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expect to achieve 1,000 crime scene identifications in 1992 alone.

Time Can Be The Most Important Saving

The other outstanding by-product of AFIS technology is that, like all computer processing, one of the major benefits imparted is speed. Uniform officers have transported pieces of broken glass from an entry to our unit. The powder developed impressions have been scanned directly from the glass and identifications have been achieved within minutes while the officers watched.

We have achieved identifications within a half-hour of our forensic specialists leaving a crimescene. Investigators have been told the identification of perpetrators of crime, by telephone, before uniform officers were able to submit occurrence reports.

Investigators have had the fingerprint forms of individuals they have charged, driven to Police headquarters because people in custody refused to identify themselves or were suspected of providing false identities. In numerous cases the system identified the tenprints within five minutes. There have been at least three occasions when the tenprints of these individuals were also matched to other crimescenes.

Print Enhancement Time Reduced

There are occasions when a crimescene impression can be manually searched using the actual powdered impression which has been transferred onto a clear acetate backing. The majority of crimescene impressions have to be enhanced through photography in order to make actual size photographs which possess sufficient resolution and contrast for comparison purposes.

Prior to the implementation of our Orion system, our forensic officers expended time in preparing crime scene impressions for an AFIS search in Ottawa. In most cases crime scene impressions are transferred to clear acetate at the scene. Impressions are later photographed at a 1:1 ratio using various

lighting techniques.

The negatives are developed and then three 1:1 ratio photographs (light, medium and dark) were mailed with a submission form to the RCMP AFIS system in Ottawa and one was retained on file. The photographic impressions were given a manual search where possible before being mailed to the RCMP.

Black powdered impressions require an average of 5 minutes to light and photograph. Although our unit uses 35 mm high resolution black and white film to photograph impressions developed on documents, we use 4" x 5" film to obtain a high resolution photographic copy of the crimescene impression. An additional 40 minutes is required to develop, fix and dry the a 4x5 negative. A further 20 minutes are required to develop, fix and dry the photographs.

Approximately 70% of the crimescene impressions developed in Toronto result from the application of white, grey or silver powders. These powders possess enhancing properties that are favoured by most of our forensic specialists. These light coloured impressions require a second photographic negative be made from the first negative.

This is called the "two plate process". The second negative allows a black photographic image to be created in the final photograph. This "two plate" process adds another 40 minutes to the process of producing photographs of crime scene impressions. Combine these factors and it is fair to say that, on average, two hours are required to transform light powdered crimescene impressions into a photograph.

In 1989, two hours, at a first class constable salary (\$21.56 x 2 hours) cost the Force \$43.12 plus benefits. If we assume that 70% of our 1,000 crimescene identifications were developed using white or silver coloured powder, the cost to the Force in salary to prepare these impressions for a submission search would have amounted to \$30,184.00 (plus benefits) using the 1989 pay factor.

In less than five seconds, the Orion workstation allows one person to scan and capture a crimescene fingerprint and display it as an analogue grey scale image on a high resolution monitor. The image is captured directly from the ac-

etate, no photography is necessary, unless the crimescene impression is extremely poor and requires photographic enhancing.

A white fingerprint image can be changed to a black fingerprint image in the time it takes to press one key on the keyboard. An impression can be plotted and initiated for a forward search in 5 minutes. Assigning a "priority 1" search can return the search results for viewing within ten minutes.

We currently have in excess of 12,000 crime scene impressions stored for matching in our database. Many of these crimescene impressions will be identified as our conversion continues. Our current in-house reverse search record occurred in August of 1990. The tenprints of a person fingerprinted for the first time were loaded for a reverse search against our database. Within ten minutes, the system had matched his fingerprint impressions 13 times at 5 different entries that he had committed in the preceding four months across 3 Police Districts in Toronto.

If our unit did not purchase AFIS technology, the cost to the force in salary to prepare the 12,000 latent impressions for an AFIS search in Ottawa, would have been a minimum of \$362,208.00, using the 1989 pay scale, assuming 70% of the impressions required the two plate process.

The cost of a box of 250 sheets of 8 1/2" x 11" black & white (Ektamatic compatible) photographic paper in 1991 was \$153.05 not including tax. The list price for a box of 25 4" x 5" inch Tri-X Pan sheet film in 1991 was \$16.10 not including tax. If you allow for an annual price increase of 5 percent, in 1989 the box of photographic paper would be \$137.75 or 55 cents per sheet and the Tri-X pan sheet film would have cost \$14.65 or 59 cents per sheet.

One 8 1/2" x 11" sheet of photographic paper can produce six 3" x 4" (1:1 ratio) photographs. The material cost to produce one set of three, 1:1 ratio photographs, of a single white powdered crimescene impression, in 1989 was (2 sheets of film x 59 cents + 1/2 sheet of photographic paper @ 27 cents) \$1.45 not including tax or photographic chemistry.

If a Police Force developed 1,000 (white/silver) crimescene impressions in 1989, the material cost to prepare the impressions for a manual search and/or a search on the RCMP Orion System would amount to (1,000 x \$1.45) \$1,450.00 plus tax and photo chemistry.

In our three years of operation, we have loaded over 13,000 crimescene impressions into our database. Over 1,100 have already been identified and deleted. Using the 1989 price factors, the material cost to produce photographs of these 13,000 impressions would be a minimum of \$18,850.00 plus tax and photographic chemistry. This amount can be added to the afore-mentioned salary cost for a combined (1989) cost of (\$18,850.00 + \$362,208.00) \$381,058.00.

At this rate I calculate our Orion AFIS system will have paid for itself in less than 8 years in terms of the savings being made on wages and photographic material alone. In the ensuing years annual maintenance costs and system upgrades will be paid for in the same manner.

How many years can pass before some of these factors add up to the price of one AFIS workstation which allows a police force to access the RCMP criminal fingerprint database of 2.4 million individuals. In certain circumstances, the results of a search of 24 million fingers can be viewed on that same workstation within two hours.

Next Month Part 2

Number 1,000 Was A Big Hit

About The Author

Detective Sergeant Gene Pankewich is the officer-in-charge of the Metropolitan Toronto Police AFIS section of the Forensic Identification Bureau. Gene has worked with the AFIS system since 1987 when his police force began looking for a sutiable system. Since that time he has been a keen user and innovator of the technology.

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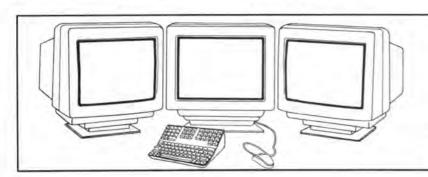
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Policing Principles: By Chris Braiden Part 4

Specialization By Function

Crime Prevention

Over the past two decades, there has been a great proliferation of crime prevention units in police organisations. These units are usually staffed by people who, soon after becoming police officers, decide they don't really like arresting drunks but do like the pay and permanency. So they stay, but dodge the bullet. They become Crime Prevention specialists. Usually attired in suits with a briefcase, they specialise in giving lectures, invariably to the converted, about crimes they will probably never encounter nor commit and who are urged to 'call the cops' with their slightest worries.

Unfortunately, these people are noticeable by their absence in the neighbourhoods most in need of their services. Such programmes as Neighbourhood Watch and Block Parents don't exist in inner cities. Most violent crime does. Relentlessly, these people churn out millions of pamphlets and posters, buttons and balloons and in the process have probably been responsible for clearcutting an entire mountain in British Columbia. Pamphlets are the penicillin of Crime Prevention units.

As a consequence, fear of crime has become an industry in its own right. There is money to be made by scaring the hell out of people. Doctors and dentists copped onto that long ago. Most of the people who install burglar alarms and put five locks on their doors live in the safest neighbourhoods. Burglar alarms, usually installed by the urging of these specialists, generate massive amounts of unnecessary work for the Grunt because 98% are false.

In Edmonton in 1990, there were 11,000 false intrusion alarms which constituted 42 percent of the High Priority dispatches for that year. The private sector installs them, reaps the profit, and the public police [the Grunt, of coursenot the specialist] services them. And so another job is dumped.

Then there is the 'Empire-Building' phenomenon. Parkinson's Law [I think that's the right name] says that when a new position is created, the organization will grow to fill it until it takes two people to do what didn't need to be done by anyone in the first place. In policing, people justify budgets, and promotions, by the size of their unit. But these 'new' people have to come from somewhere. They do - invariably from Patrol. For instance, the Edmonton Police Service had 545 constables assigned to Patrol Divisions in 1980 when the population was 505,000. Today, with a population of 605,000, the reported crime rate 44% higher and the complement of the Service essentially the same, there are 468 constables assigned to Patrol Division. In the interim, several new specialised boxes appeared on the org chart and several others grew in size.

Generally, it is thought that people become police officers to help others. Unfortunately, the reality of Specialisation by Function has led to what I call the "Flight from the Front".

No one wants to work in Patrol any more where your opportunity to help someone is greatest. Taking calls-for service, the 'Big Mac' of policing, has become the lowest rung on the status ladder. No one wants to do it. Let me support that statement with hard figures.

The Edmonton Police Service has at this point in time 1,088 police officers. In 1988, 242 applied for transfer to six of our specialised units while less than five applied for transfer from specialised units to Patrol. In 1990, and only up to November of that year, 489 had applied for transfer to the same six specialised units while less than five asked to go to Patrol. The only parallel I can think of was the exodus from East Berlin after the wall came down. And we know why they were leaving.

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See You At The Conference Case Law (1142-025A - 16 Pages)

Test Evidence From "Shook-up" Accused Excluded

Regina Vs. Brown

A woman, who lost control of her car, had the evidence of her over 80mg charge excluded because evidence revealed she was 'all shook-up' over the accident. The Saskatchewan Court of Queens Bench agreed with a lower court decision to have the evidence excluded because of a breach of the accused's Section 7 Charter Right to counsel.

Police attended the scene of an accident where the accused lost control of her car and had it roll over several times. Police evidence revealed she displayed symptoms of impairment by alcohol and after arrest and demand she was advised of her Right to Counsel. At that time she waived this right saying she did not want to call a lawyer. She was taken to a police station and Breathalyzer results indicated she was over the 80mgs. limit.

In her defence the accused's lawyer asked the officer if his client was clearly shook-up. The officer advised the court that she was quite upset and obviously shook-up over the accident. In the original court decision it was ruled the police officer has to "know about the Rights to Counsel. And there has to be a clear waiver". The judge added, "there is no evidence before me that she was really afforded the rights to counsel".

The Saskatchewan Court of Queen's Bench agreed with the trial judge adding, "the issue that arises is does a police officer have an obligation when he informs an arrested or detained person in the condition of the accused of her right to retain and instruct counsel without delay, of ensuring that such a person understands her rights?"

The ruling answered this question by quoting on another ruling (Regina Vs. McAvena) from the Ontario Court of Appeal which stated the accused must be informed of the right to counsel "at a time when he was capable of understanding and appreciating the right to counsel."

The appeal court ruled the officer's evidence revealed the officer was uncertain as to the woman's understanding of her rights as given and the appeal by the Crown was dismissed.

Case Law (1148-017A 8pages)

Can't Prove Police Use Of Force Was Excessive

Levesque Vs. Zanibbi

In a recent decision out of a General Division Court in Sudbury, Ontario a woman has had her civil suit against the Sudbury Regional Police dismissed because she could not prove the amount of force used to arrest her was excessive.

The \$15,000 suit was brought due to a 1986 case in which a female was arrested while fighting with police to release her boy friend who had been arrested at a local bar for fighting. Her claim stated three officers used so much force while arresting her it caused a pre-existing scoliosis of her spine to deteriorate further.

The woman claimed officers pushed her in the back over a steel rod implant inserted for her scoliosis condition. She claimed further the officers handcuffed her hands to the rear to which she objected, wanting them put to the front. A further complaint was the way she was placed in the police car.

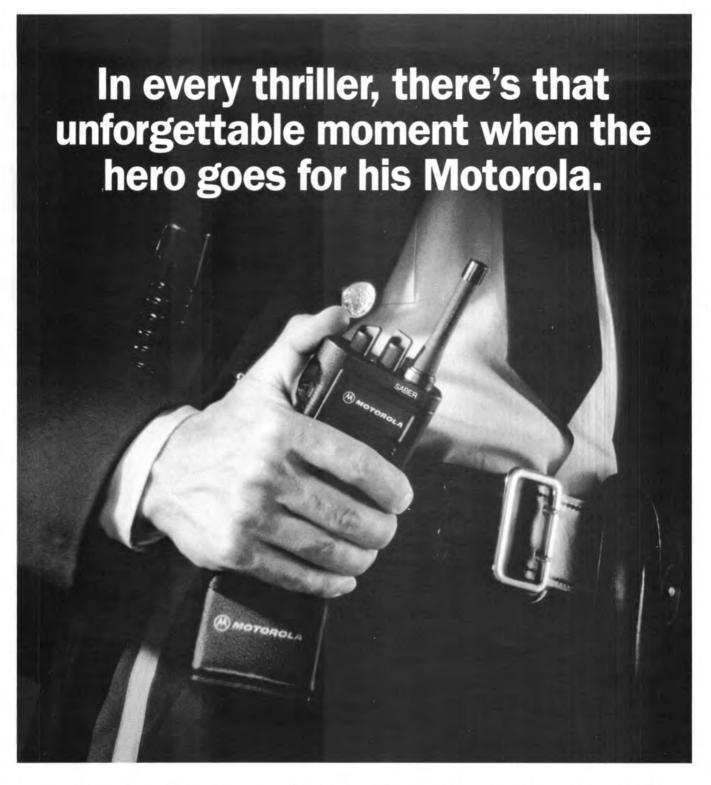
The woman admitted that due to her frustration she began kicking at the police car's door window. The arresting officers agreed with this part of her testimony stating she did approximately \$500.00 damage. The officers stated she was so out of control, she simply laid

on her back and kicked wildly trying to do as much damage as possible.

Justice J. Douglas Bernstein ruled it is not unreasonable and unrealistic to impose an obligation on the police to employ only the least amount of force which might successfully achieve their objective." He continued by pointing out it is not right to hold police to a standard of conduct which is sometimes difficult to gauge "in the exigencies of the moment." The action was dismissed on the grounds the plaintiff had not met "the onus of establishing both liability and causation."



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Mechanisms of failure

Supplying a Safe Place To Explore

By Neil V. Thompson

The words psychologists, psychiatrists, and counselors often provoke strange reactions amongst police officers. There is a definite fear in having to look at oneself, coldly and clearly and realize that maybe we haven't been as effective as we could have been. Or that maybe we married the wrong person for the wrong reason, or that maybe we bear some of the responsibility for the fact that our child is in trouble with the law. But take my word for it. If there is some area of your life that isn't working as well as you'd like, there is a reason for it and you can have what you want, but it may not be easy.

The work done by psychologists and counselors is relatively simply put. Their main function is to provide their client with a safe place to explore their issues. A "safe place" means a place where an Individual can go and talk about his/her feelings and thoughts without fear of his confidentiality being breached. "Issues" on the other hand are those things in life which an individual is having problems with Psychologists, psychiatrists and counselors are really no different than you or I. They have problems too; they often have their own therapists. The thing they do have that is different from you or I is a much clearer view of how the human mind works, the games people play and how to reach people whose feelings and emotions are trapped beneath layers of psychic armour. They have an ability to digest what the client says and reflect it back to him/her in a non-judgmental fashion

This allows the client to hear and examine his own thoughts as heard from the outside. It makes a big difference. A good counselor will also have the ability to pick out inconsistencies in the client's thoughts and bring them to their attention.

The process is an amazing one. I found during my own therapy that many of my beliefs I had held all my life were

false and were doing me no favours as an adult. Beliefs about who I was and how I related to the world were way off track. It was a fascinating process. I have used therapists three times in the last eight years and each time, they were tremendously helpful in assisting me through major life issues. The funny thing is that in two cases, I have ended up assisting them with some issues they were having. It's that kind of honest give and take that makes the process so rewarding.

I believe the simplest way to look at a human being is to compare him/her to a tree. If that tree grows in a somewhat sheltered spot, in deep rich soil with ample rain and food, it grows straight and tall. It grows strong before it reaches a height where the heavy winds try to blow it off vertical.

It will be flexible, it will bend, but it will always straighten up again when the wind stops.

On the other hand, if that tree is planted in shallow dirt, is not properly nurtured and rain comes only ever so often and the howling winds are allowed to blow on it before it becomes strong, it will grow up bent and twisted, if it grows up at all. Unfortunately many of us in policing and the world at large grew up like the last little tree, battered by howling winds, improperly nurtured and cared for and generally abused. Some never had a childhood. Unfortunately many of us feel that we can straighten ourselves out without outside assistance. I've never seen it work. An alcoholic isn't cured because he stops drinking. He retains all his old behaviours. That is called "dry drunk syndrome." A wife beater isn't cured just because he stops beating his wife. There are reasons we do these things. The reasons have to be uncovered, acknowledged and spoken about to relieve the internal pressures and allow the individuals to lead the happy lives that they were born to lead.

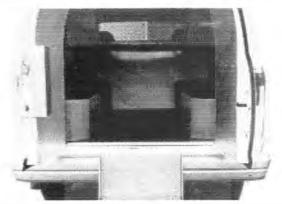
To close out this section on how the

counseling process works, we must take a brief look into the human mind. The mind is composed of two parts, the conscious and subconscious. The conscious mind is the one we all work with daily. We talk, plan, listen, read, all in the conscious mind. The unconscious mind lurks in the background. It can be your friend or it can be your worst enemy. The unconscious man stores up the data and experiences of your lifetime and interprets it in a way that may be harmful or beneficial. By way of example, a small boy is always yelled at by his parents. He is told that he is no good and that if it wasn't for him everything would be fine in the family. The boy may grow up feeling unloved and unloving. He may, because of all the negative feedback, respond in a way which reinforces his parents' beliefs. In the same situation another child may set out to prove his parents wrong. He may become very successful, but still never win the love and respect of his parents that he longed for as a child. A third child may look at the family situation and say, "These two are crazy, but it's got nothing to do with me." and set about doing what he wants to do in life without buying into his parents' issues. This last child is perhaps rarest, but often he is the only one who truly succeeds.

In counseling, these subconscious beliefs get pulled to the surface and verbalized, perhaps for the first time. An examination of these beliefs may reveal many of them to be false and extremely self limiting. At this point the individual can begin to change those patterns. These unconscious beliefs are almost always unknown to us on a conscious level. We react to them, without knowing, or understanding why.

For example, a man beats his wife. The belief in his subconscious may be, despite what he reads, sees and is told, that it is okay to beat up women. He may have developed this subconscious belief after years of watching his father beating up his mother. He saw that nothing happened to his father, so it is okay. It may be the only way he learned to resolve relationship problems. He may never believe otherwise, even after going to prison. Most men who beat their wives were raised in this scenario.







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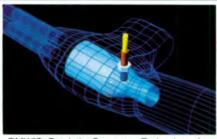


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