

# Canada Weekly

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## New Brunswick celebrates bicentennial

This summer, the province of New Brunswick is balancing its Loyalist and Acadian heritages in a busy round of activities designed to celebrate its bicentennial.



1784-1984

Nineteen-hundred and eighty four marks the two-hundredth anniversary of its founding as a separate province with its own government. On June 18, 1784, King George III signed an Order-in-Council recognizing that the flourishing colony was expanding rapidly enough to acquire provincial status.

Eighty-three years later, it became one of the original four provinces that joined together in 1867 to form the Confederation of Canada.

### Festivities abound

The province is marking its anniversary with an array of festivities. In addition to the scores of family reunions planned for the summer months, there will be a two-week celebration, Loyalist Days, which will take place in Saint John from July 15 to 31.

Also in Saint John, Tattoo 200, the largest show ever staged in New Brunswick, will feature over 1 000 performers in an extravaganza of military music, pageantry, comedy and ceremony.

For the Acadians, who represent about one-third of New Brunswickers, the year has a special significance. In 1784, the 34 French-speaking Acadian families who founded the town of Caraquet received the first title grant in the area.

An Acadian Festival will take place in Caraquet from August 10 to 15, and on August 15, national Acadian Day, Acadians will celebrate the centennial of the Acadian flag, which was adopted at the Acadian convention of 1884.

Another important occasion is the blessing of the fleet, an annual event that takes place on the Acadian peninsula.

The Labatt-Canada Challenge, a sailboat race covering a distance of more than 1 600 kilometres, will pass by Shediac, New Brunswick, described as the lobster capital of the world, on July 20.

### Descendants gather

One of the many smaller groups touched by the celebrations will be descendants of



Loyalist Days, a two-week celebration to be held in Saint John in mid-July, will honour New Brunswick's loyalist heritage.

Dept. of External Affairs  
Min. des Affaires extérieures  
OTTAWA

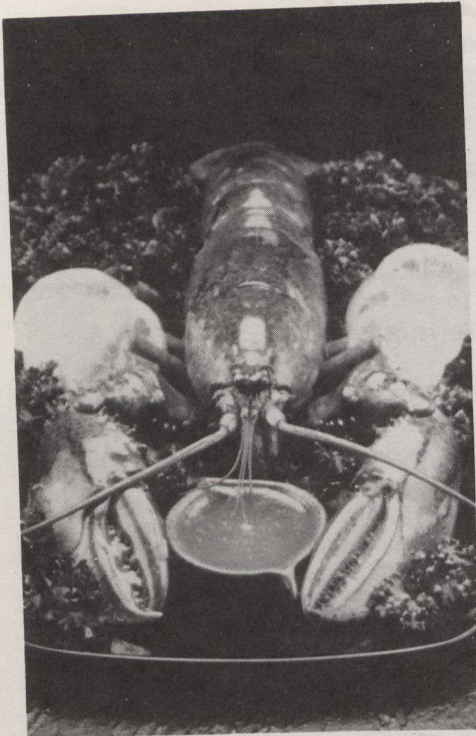
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External Affairs  
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Canada



Shediac, New Brunswick is considered the lobster capital of the world.

James Donald, a Scottish settler who received a grant of land the year New Brunswick was created. On July 14, about 150 of his descendants from across North America will gather in Upper Blackville on the Miramichi River, about 120 kilometres northeast of Fredericton.

There will be a service at James Donald's graveside, discovered and cleared last year, and the group will install a small marker.

On a larger scale, 40 000 people are expected to attend Expo East, a trade fair, craft show and celebration to be held in Moncton at the end of June. The event is part of Railroad Days, the city's celebration of its railroading past and of its present boast of being the transportation hub of the Maritimes.

Two important visits will dominate New Brunswick's bicentennial celebrations. Queen Elizabeth II will visit the province from July 14 to 16 and Pope John Paul II will be in Moncton on September 13, an event which organizers expect will bring more than 300 000 people from all parts of the Maritimes, Quebec and the New England states.



The blessing of the fleet is an important part of the Acadian Festival.

## Heat from salt ponds

Salt solar ponds have the potential to generate heat for industrial processes and produce domestic hot water in Canada much more cheaply than conventional solar panels, according to a study of the technology. Daniel Crevier, an electrical engineering professor at McGill University in Montreal, has spent the past three years studying the feasibility of salt ponds as solar energy collectors. His "salt gradient solar pond" consists of a shallow artificial pool with fresh water at the surface and water with progressively higher concentrations of salt toward the bottom. The pond acts as a heat trap.

"The deeper water is heated by the solar radiation reaching it," Mr. Crevier said. "But since it contains more salt and is therefore more dense than the water lying immediately above it, it does not rise to the surface and lose its heat to the atmosphere, as would happen in a normal body of water.

"The temperature of the entire pond thus increases, the warmest layer being at the bottom. Temperatures higher than 100 degrees Celsius have been reached in this fashion."

Salt ponds have one major advantage over other kinds of solar energy collectors: temperature changes take days or weeks, depending on the depth of the pond and the

amount of heat extracted. That means heat can be extracted at a constant rate, unaffected by the absence of sunshine or by sudden weather variations.

In 1981, Mr. Crevier's research company, Coreco Inc., received support from the National Research Council to build a 700-square-metre pond, two metres deep, in Varennes, south of Montreal. Heat generated by the pond is supplied to a nearby grain-drying installation.

### Space heating

Deeper salt solar ponds could be used for space heating during Canadian winters, Mr. Crevier said. Summer heat would be stored in the salt water even when the surface of the pond was covered with ice.

Coreco has developed an automatic pond control and monitoring system — which includes a microcomputer, temperature and salinity probes, communications equipment and other instruments — to reduce the "inordinate amount of human effort" that would otherwise be needed to make the pond work.

Mr. Crevier estimates the cost of a large salt solar pond to generate heat for industry would be less than one quarter of the cost of a similar installation using conventional solar panels.

The National Research Council has given Coreco a \$35 000 follow-up contract to

study four designs of salt solar ponds and determine which would be best for the Canadian climate. A model of the best design will probably be built at McGill University or at an NRC site in Ottawa.

## Canada at Expo 85

John M. Powles has been appointed Commissioner General for the Canadian participation at Expo 85, the 1985 International Exposition to be held in Tsukuba, Japan.

Associated with world exhibitions since 1969 when he worked for the Canadian Pavilion at Expo 70 in Osaka, Mr. Powles was appointed in 1978 Director of External Affairs' International Expositions Division and Canadian delegate to the International Bureau of Expositions in Paris. He will continue in his present position while carrying out the duties of Commissioner General for Canada at Expo 85.

Expo 85 is a special category international exposition on the theme "Dwellings and Surroundings — Science and Technology for Man at Home". The exposition will run from March 17 to September 16, 1985, and is expected to attract 20 million visitors. Canada plans a major presentation at the exposition and hopes to enlist the participation of several provinces as well as that of the private sector.

## Passport forgers foiled

Canadian Bank Note Company Limited has announced a breakthrough that it says should make the forging of passports and other photo-identification cards "extremely difficult, if not impossible". It involves a printing process that integrates a photographic image into a secure document in a process similar to photocopying.

The technique is a world exclusive to the company's knowledge, according to corporate secretary, Shirley Arends. It was developed for the firm by Xerox Research Centre of Canada but the need for the product and its concept originated within Canadian Bank Note, which owns world rights to the process.

Shirley Arends says the system would be applicable to any security document which carries the bearer's photograph — particularly passports, identity cards for security-sensitive employers, and drivers' licences which, as in some European countries, include a photograph.

Passport fraud in particular is a continuing problem because photographs, which are simply glued to the document, can be replaced by sophisticated forgers. Under the new process, the holder's picture is an integral part of the document and cannot be altered, short of using scissors. In addition, the document itself does not photocopy well so that potential forgers cannot glue a picture over the printed one and make a copy.

Canadian Bank Note Company already has the contract to print conventional Canadian passports. Ms. Arends said the company will be ready to market the process by the end of this year and hopes to sell it around the world.

## Acid rain damage detected

Environment Canada plans to set up a country-wide early warning system against acid rain.

In a recent speech, Environment Minister Charles Caccia said that 75 sample plots will be established and monitored across the country, 20 per cent of them in Ontario.

The minister said the system will detect changes in forest soil, vegetation and trees and "will give an alert in case there are circumstances we should become aware of as quickly as possible".

Mr. Caccia said the plots will be established immediately with the first testing carried out later this year. The results will be used as a standard for future comparisons.

It is expected to take at least five years of testing before Environment Canada officials are able to determine what acid rain is doing to the country's major forests.

## System tracks submarines

Canadian Astronautics Ltd., the Ottawa aerospace company has won a \$2.1-million contract with the Department of National Defence to develop an acoustical training system for Canada's CP-140 Aurora patrol planes.

The system will be used to train three pairs of operators at a time to interpret acoustic signals gathered from "sonobuoys," portable underwater microphones that transmit information on ships and submarines to the patrol planes. The acoustic signals allow operators in the patrol planes to identify the submarines, their country of origin and where they are going.

Vice-president Michael Stott said the advantage of the Canadian Astronautics system is that operators can be trained on the ground to identify and interpret unusual signals, using pre-recorded tapes of actual sonobuoy transmissions.

He said the system developed during the 22-month contract could be adapted for use by other countries, or for non-military uses, such as sounding the earth for oil or other minerals.

## Electronic newspaper

An electronic newspaper, *INS Electronic News*, is being produced in Toronto by the company that operates the Canquote system, a system which provides corporate information through 3 000 terminals in Canada, the United States, Britain and Switzerland.

"This is the first electronic newspaper that I know of in North America," said Connie Baillie, publisher of *INS Electronic News* and president of the company that launched it, Investors News Service Inc. of Toronto.

Canquote is a division of Dataline Inc. of Toronto which offers comprehensive information-processing and software services to an investment-oriented clientele, consisting primarily of brokers but including a growing list of diversified corporate users, individuals and regulatory bodies.

*INS Electronic News* will contain a mix of economic/financial news, sports, editorial comment, political coverage and movie reviews. Out-of-the ordinary items will also be featured, such as sports betting lines and warning bulletins from law enforcement agencies on stolen bonds and scams.

As a fledgling in a new medium, the *News* presents an innovative, advertising-free format. Its purpose is to inform, entertain and encourage Canquote users to access Investors News Service.

## Modern-day voyageurs retrace fur-trading route



Thirty modern-day voyageurs, students from Lakehead University in Thunder Bay, set out from Lachine, Quebec, April 30 to retrace the 19 000 kilometre journey of the early voyageurs up the Ottawa River to the head of the Great Lakes. They are expected to reach Old Fort William in Thunder Bay by July 1. The students are duplicating the trip of the voyageurs as part of Ontario's bicentennial anniversary.

## Sea-scanning sonar

Research and development chief, Gene Hill, has designed a commercial fishing sonar that his company, Scannar Industries of Cornwall, Ontario, calls a world-beater.

Scannar's MAQ (multiple aperture) sonar can detect fish up to 6 400 metres in any direction from the fishing boat. The schools of fish are pinpointed in vivid blue on a green video screen. At the same time, the lower section of the screen displays a vertical cross-section showing the school's depth.

"Our fishing sonar is the most technologically advanced in the world," Hill boasts. "We have both a horizontal and vertical display. The competition shows only the horizontal. The others can't tell how big a school is because they don't have the vertical."

Scannar introduced an advanced MAQ II model with simplified controls ("the difference between automatic transmission and stick shift in a car") at the Seattle Fish Expo '83 last year.

"The response from that model was tremendous," says David Rupprecht, Scannar's vice-president of marketing. "We're aiming at the Far East, South American and African markets. And there are hopeful signs we'll get into the Japanese market."

### More advanced model

The Cornwall firm is now working on an even more advanced model, the Multi-MAQ, with longer range and higher resolution. It is aimed at the military, scientific and petroleum markets. If a machine can be built that can



Scannar Industries' plant in Cornwall, Ontario.

detect a single herring one kilometre away, then one can be designed that can "winkle out submarines and even a torpedo coming at you," Hill says.

Gene Hill, has used his experience in radar and fire control systems with the Canadian Air Force to design the MAQ sonar. The MAQ is a simplified version of the naval submarine-hunting sonar.

Hill developed the original MAQ model five years ago. Before the 1981-82 recession, 70 MAQs were sold in a dozen countries.

The company, which had devoted more effort to refining its product than to sales and service, went into receivership. After restructuring, Scannar went back into operation last September and, in the first month, sold three MAQ models.

The new Scannar plans to be more ag-

gressive by sending sales teams around the world and displaying the MAQ II in Norway, Iceland and Scotland.

Only five companies in the world manufacture omni-directional commercial fishing sonar — two in Canada (both of them in Cornwall) and the others in Japan, Norway and West Germany.

The MAQ and MAQ II models range from 15 to 90 kiloHerz (the lower the kHz the longer the range but with less resolution) and sell for from \$60 000 to \$150 000 (US).

### Any world voltage

They can run on any world voltage from 90 to 250 volts and are immune to ship-board electrical interference because the information from the transducer (a periscope in reverse) is transmitted by light signals rather than wires. The military-derived optical isolators are unique in the commercial fishing world.

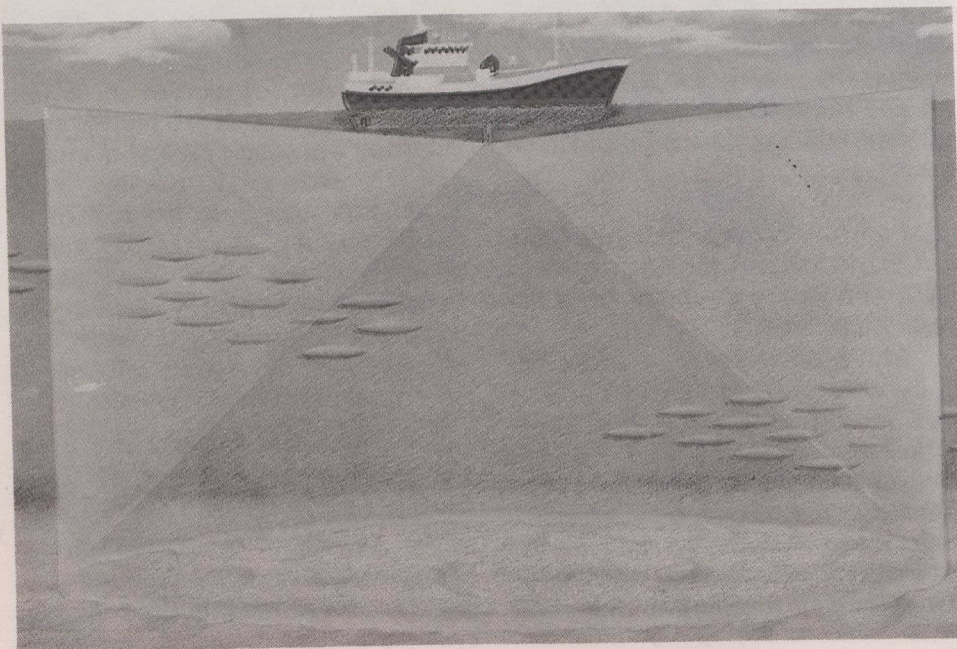
The processing time to take and send an underwater "snapshot" to the display screen is one two-thousandth of a second, four times faster than competitive models. That is important in rough seas and rocky waters.

The heart of the machine is a Hill-designed computer that operates in the MAQ II at 40 MOPS (mega operations per second) or one forty-millionth of a second — 200 times faster than most micro-computers.

Hill, with his wide-ranging mind, is constantly exploring new ideas. One is a sonar plug for sports fishermen — cast it out and it would send back up the line to the reel information on any fish in the vicinity.

For now, Hill is devoting his talents to keeping even farther ahead of the competition by developing the new Multi-MAQ. "We're out to show that little Cornwall can take on the world."

(Article from Canada Commerce.)



Schematic drawing showing the scope of Scannar's MAQ Sonar.

## Auto trade surplus

Canada amassed a \$1.69-billion surplus in its auto-related trade with the United States in the first quarter of 1984, almost double that of a year earlier, according to preliminary figures compiled by Statistics Canada.

The largest part of the increase was attributed to the strong sales of cars and trucks built by the automotive manufacturers in Canadian plants for the US market. By comparison, Canada had an \$860-million auto trade surplus in the first quarter of 1983.

Imports from the United States soared during the quarter, increasing in value to \$5.6-billion or by 53.6 per cent. But exports rose even more, to \$7.3-billion or by 61.8 per cent.

The three-month surplus puts Canada well on the way to setting a new annual surplus record. Its best year was 1983 when it had a \$3.29-billion favourable balance. In 1982, it sold \$2.85-billion more to the United States than it bought.

## Radar systems track sales



Various radar units, manufactured by Tribar Industries of Weston, Ontario, are becoming increasingly popular in more than 46 countries, including Britain and Taiwan. The Design Canada award-winning company recently delivered units worth \$350 000 to Saudi Arabia. Tribar's radar devices have a number of applications — in police and marine patrol, in industry and in sports.

## Canadian game in hot pursuit of global market

Recently, so the story goes, the owners of the best-selling board game, Trivial Pursuit, received a request from a man in Thule, Greenland who wanted to know if a special Greenland version of the game could be manufactured.

After all, he figured, other countries have their own versions. Even Quebec has been accommodated with its *Quelques Arpents de Pièges*, roughly translated as *A Few Acres of Traps* — a pun on Voltaire's description of the province as a few acres of snow.

So why not a special Greenland game? Told that Greenland's population was not large enough to support the proposal, the man was advised to be content with the Danish version of Trivial Pursuit.

The request is one of the wackier ones heard by the four major shareholders of Horn Abbot Ltd. of Toronto, the company behind Trivial Pursuit. However, it does underline how popular the game has become with trivia buffs around the globe.

### World-wide sales

Chris Haney, one of the Canadian inventors of the game, forecasts world-wide retail sales of \$1-billion (US) this year. That is 30 million games, 20 million in the United States alone. So far this year, 700 000 sets made by licensee Chieftain Products Inc. of Toronto have been sold in Canada.

"And this isn't even the buying season," said Mr. Haney, who is still amazed at the game's success.

He noted that one of the larger toy company chains in the United States, Toys R Us Inc. of Rochelle Park, New Jersey, has asked for orders of up to one million games a month. But the US licensee, Selchow and Righter Co. of Bayshore, N.Y., cannot manufacture that many. So Toys R Us is only able to sell 200 000 games a month.

Outside estimates have put Horn Abbot's profit at a juicy \$60-million. Not bad for a game that was introduced to the United States only two years ago and made its Canadian debut in the fall of 1981.

In order to keep trivia followers continually interested, Mr. Haney and co-inventor Scott Abbot keep dreaming up special editions to add to the basic game called *Genus*. There are *All Star Sports*, *Silver Screen* and *Baby Boomer* volumes. A *Young Players* edition is scheduled to debut next month and *Genus II*, with general questions, will be available in October. Next winter *RPM*, the music edition, is due.

With all the copy-cat games now on the market, the owners of Trivial Pursuit have decided to undertake an intensive marketing program. There are plans to spend \$1-million on advertising in Britain alone.



Scott Abbot, one of the Canadian inventors of Trivial Pursuit.

By the end of the year, there will be a Trivial Pursuit television show, produced independently in Los Angeles. Mr. Haney said the show will be a "cross between Hollywood Squares and Saturday Night Live. A schtick for comedians".

### Special Playboy edition

Right now Horn Abbot representatives are holding preliminary talks with Playboy Enterprises Inc. of Chicago about a special Playboy edition of Trivial Pursuit. There will not be questions about playmates of the year or other sexual curiosities, Mr. Haney said, but rather a "best of" each Trivial Pursuit edition.

Talks are also going on with Walt Disney Productions of Burbank, California, regarding a family-oriented game and with Stroh Brewing Co. with a tavern version in mind.

The Trivial Pursuit name will also be found on jig-saw puzzles and T-shirts. "We didn't want to do this sort of marketing before because we didn't feel we needed it," Mr. Haney said. "But now we feel there is going to be a big shake-out in the game industry. There are 20 knock-offs in Canada alone and more in the United States."

Trivial Pursuit will soon be available in West Germany and there are plans to launch it in India, and China.

## New high-speed rescue boat

A Kingston, Ontario, company has developed a new breed of high-speed rescue boat for use on the oceans.

Len Fowler, vice-president of Kingston Marine Industries, said the company will concentrate its initial marketing of the \$80 000 Manta 22 on the oil and gas fields off Canada's East Coast. But the craft has capabilities for coast guard and military use as well.

The Manta is a rigid-hull inflatable, a type developed in Britain about 20 years ago. It has a 6-1/2 metre aluminum hull. It is self-righting and is designed to handle winds of up to Force 8 on the Beaufort scale and waves of up to 14 metres high.

Mr. Fowler said the Manta is not a lifeboat. As a rescue vessel, it can be based on a ship or drilling rig or on shore for use when a rescue is necessary.

### Rescue boat

As a rescue boat, it would be capable of fishing individuals from the water or acting as a sheep dog for a group of lifeboats from a sinking vessel.

A conventional lifeboat, while often safe and dry with passengers aboard, does not have the power or manoeuvrability to pick up people from rough water and get them on board.

The Manta is powered by a 165-horsepower diesel engine with a self-contained cooling system, which means the engine can be warmed up and running long before the hull actually touches the water.

The vessel has some special features that should make it more attractive than foreign



Kingston Marine Industries' Manta 22 rescue boat is now being tested in Kingston, Ontario.

products competing for the same market.

It uses a "jet drive" unit, which propels the boat with a stream of water rather than by an exposed propeller, so it can navigate in shallow water or light ice conditions without damage to the drive unit.

The engine can drive the boat at speeds of up to 50 kilometres an hour, and the jet drive has been modified to increase manoeuvrability. The boat can turn in its own length and go from full speed to stop in just two boat lengths.

### Handlebar system

Steering is enhanced by a snowmobile-style handlebar system rather than the conventional wheel. The throttle control is incorporated into the handlebar, allowing the driver to keep both hands on the bars while adjusting the throttle.

Orchestra.

To promote awareness of the musical idioms characteristic of North and South America, Youth and Music Canada has chosen as the theme for the congress "Music of the Americas: the youngest music in the world?" The theme will be developed in several concerts presented by Canadian artists specializing in folklore and jazz, as well as contemporary, Amerindian and Inuit music. Ethnomusicologists and Canadian and American experts will lead workshops on the music of the pre-Columbian, industrial and mass-media areas.

The Montreal Congress will also host the start of the Young Performer World Festival, an international showcase for promising young musicians from Canada and abroad.

Mr. Fowler said this feature, unique to the Manta, is important in rough weather when the speed of the boat and the height of the waves can make simply hanging on one of the toughest jobs.

The boat can tip almost past 90 degrees and still roll back to upright. A total capsize is rectified by an inflatable bag mounted on a tower at the rear of the boat. The bag will bring the boat to 90 degrees from upright and the natural buoyancy will complete the process.

Tests have shown that the boat can be righted in 23 seconds. The increase in drilling activity off the East Coast and concern about safety are creating a demand for boats like the Manta.

The company has one prototype boat built for tests and demonstrations. Production is expected to begin this summer.

## Canada hosts international congress

Canada will host the thirty-second International Congress of the Fédération internationale des Jeunesses musicales (FIJM), which will be held next year from July 20 to August 4.

The International Congress, organized by Youth and Music Canada, will bring together 500 young musicians, music lovers, managers, volunteers and delegates from FIJM member countries. The group will make a two-week tour of Canada, visiting Nova Scotia, Quebec, Ontario and Alberta. The event will coincide with the International Year of Youth and the anniversaries of the founding of Youth and Music Canada, the FIJM and the Jeunesses Musicales World

## Canada-Belgium literary prize

The Belgian writer Claire Lejeune has been awarded the 1983 Canada-Belgium literary prize. This annual \$2 500 award is given in alternate years to French-language writers in Canada and Belgium.

Born in Havré in 1926, Claire Lejeune's career as a poet and essayist spans 30 years. Her work forms part of the post-war school of philosophical poetry. In 1962 she founded *Cahiers internationaux de symbolisme*, and 1965, *Réseaux*, a journal of moral and political philosophy.

Among her literary works are *Le dernier testament* and *Elle* (1969), *Mémoire de rien* (1972) and *L'issue* (1980). In *L'Atelier*, published in 1979, Claire Lejeune refers to Canada, which she has visited several times.

## Library acquires papers of Sir Ernest MacMillan

The National Library of Canada in Ottawa has acquired the papers of the late Sir Ernest MacMillan, one of the major figures in Canadian music.

Ernest MacMillan, who died in 1973 at the age of 80, was best known as the conductor of the Toronto Symphony Orchestra and the Toronto Mendelssohn Choir, and as the principal of the Toronto Conservatory of Music and dean of the Faculty of Music of the University of Toronto.

He gained international recognition as a conductor, composer, concert organist, lecturer and writer, and worked tirelessly to further the performance of Canadian music. He was the first person to be knighted outside Britain for musical achievements.

The papers, which fill some 80 cartons and are now being catalogued, include manuscripts of his compositions, correspondence with family and friends, scripts for lectures and articles, photographs, scrapbooks and other memorabilia, including his baton and academic gowns.

The collection also includes more than 100 tapes of broadcasts and other performances and a large part of his library of books, musical scores and phonograph records. The correspondence is considered of particular interest, offering insights into the activities of Canadian musicians with whom MacMillan corresponded over five decades.

## Canadian heads Vatican library

A 60-year-old Dominican priest from Toronto has been appointed chief Vatican librarian. He is the first non-European to hold the job.

When Reverend Leonard Boyle takes on his new job in the Vatican library, he will be in charge of some priceless, centuries-old documents that Roman Catholic monks collected from around the world and hand-copied.

Born in Ireland and a Canadian citizen since 1974, Reverend Boyle is no stranger to the Vatican. After graduating from Oxford University, he taught in Rome for several years during the late 1950s, often doing research in the Vatican library.

A book-lover since childhood, he can read English, Latin, Greek, Gaelic, French and Italian. He also did archeological work underneath the Church of St. Clements where the legendary Pope Joan was said to have given birth to her child. He is at present a professor at the Pontifical Institute of

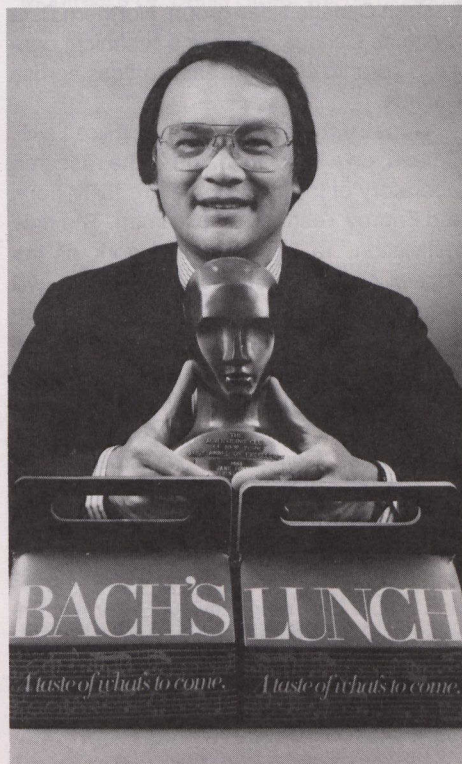
Medieval Studies in Toronto.

As head librarian, succeeding Archbishop Alfonso Stickler of Austria, Reverend Boyle will have access to the entire collection of more than 70 000 treasured classical and medieval manuscripts and half a million bound books. One of his major tasks will be cataloguing the huge collection.

The library, established in its present form by Pope Nicholas V in the mid-1400s, has parchment manuscripts dating back to the fourth century and some writings on papyrus going back hundreds of years before the birth of Christ.

All the manuscripts and most of the books were laboriously scripted and illustrated by hand. Over the centuries, the church dispatched monks and others to scour the world for books they would bring back and copy.

## Bach's Lunch wins Andy



The concept of box lunches for a Bach festival scheduled for next year in Toronto has been packaged into an international award-winning Bach's Lunch by the Toronto advertising agency, Raymond Lee and Associates. The Canadian package design was recently selected for an Andy statuette from over 7 000 entries world-wide by the Advertising Club of New York. It was created for the Bach 300 Festival to be staged next March by Centrestage Music Presentations of Toronto to celebrate the birthday of J.S. Bach. Above, Raymond Lee holds Andy statuette won by his advertising firm.

## Gift from 'Intrepid'

Sir William Stephenson, the Canadian-born intelligence expert known by the code name "Intrepid," has donated \$100 000 to the University of Winnipeg for a scholarship fund in his name. The donation is the largest single private gift ever received by the university for scholarship purposes.

Sir William Stephenson, now 88, was born in the Point Douglas area of Winnipeg and attended high school in the city. After the First World War, he moved to England and became a millionaire by the time he was 30, thanks to his invention of the first device for transmitting photographs by wireless.

During the Second World War, Stephenson was appointed director of British security co-ordination in the western hemisphere and became Sir Winston Churchill's personal representative to then-US president Franklin Roosevelt.

## Rare posters for Toronto gallery

A rare collection of propaganda posters from the 1919 socialist revolution in Hungary has been donated to the Art Gallery of Ontario. The 12 lithographic works were given by Mr. and Mrs. John A. Hall of Toronto.

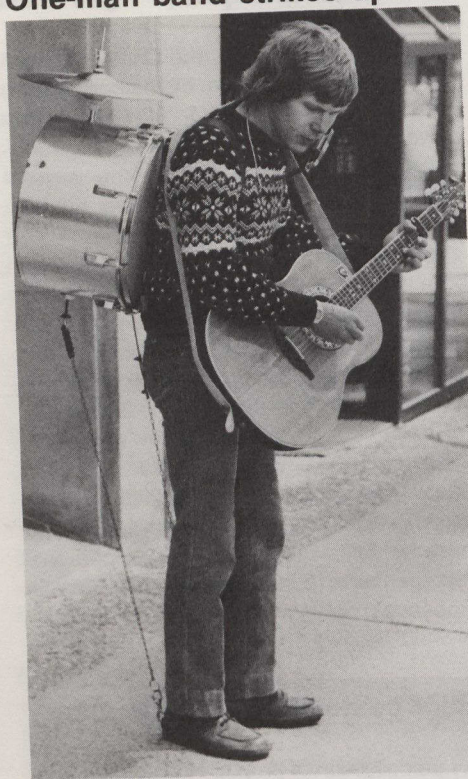
These vigorous posters were apparently printed during the six-month socialist regime of Béla Kun for exhibition in public places. They were designed to encourage solidarity with proletarian organizations, an end to alcoholism, resistance to foreign intervention and other social goals.

The Hungarian revolutionary posters join 40 posters printed by the Soviet government during the early 1920s in the AGO's growing collection of twentieth-century political propaganda works. The Soviet posters, brought to Canada in 1924 by former Governor General Vincent Massey, were donated to the AGO by Hart Massey, the collector's son.

## Arts brief

**Award-winning British Columbia** playwright Gwen Pharis Ringwood died recently at age 73 after a lengthy illness. During a career that began in 1935, Mrs. Ringwood wrote plays for the stage and radio, winning awards at the Dominion Drama Festival and from the B.C. Drama Association. Most of her 25 published plays were set in the rural West and concerned common people striving for social freedoms.

## One-man band strikes up



Nicholas Cox, an enterprising young musician, entertained pedestrians recently on an Ottawa mall. One foot controls his drum, the other his high-hat cymbals, he strums the guitar with one hand and completes the ensemble with a mouth organ.

The Citizen

## News briefs

**Canada will host** the 100th session of the International Wheat Council, Canadian Wheat Board Minister Hazen Argue announced recently. The event will be held in Ottawa June 25 to 27. A special anniversary symposium, the Centennial Forum, will follow the IWC's regular business meeting.

**Control Data Canada Ltd.** of Mississauga, Ontario, has announced the availability of a microcomputer system known as the Plato Personal Workstation. The IBM-compatible machine, a Zenith Z-150, will be sold in Canada under an agreement with Zenith Data Systems, a unit of Zenith Radio Canada Ltd. of Toronto, as part of Control Data's Plato computer-based education system. The work station has 128 kilobytes of memory, expandable to 640K.

**The University of Toronto** and the Korea Advanced Institute of Science and Technology in South Korea have signed an agreement to co-operate in the field of nuclear engineering. Research areas will include nuclear reactor safety and control,

reactor systems design and operation, and fuel and waste management technology. The agreement provides for an exchange of faculty members, graduate students and research staff.

**IBM Canada Ltd.** of Markham, Ontario, has announced a family of IBM PC programs for a variety of home and business applications. The programs support each other and enable users to exchange and combine information. They include: Writing Assistant, a word processing program; Filing Assistant and Reporting Assistant, for designing filing systems and sorting and organizing files; Graphing Assistant; and Planning Assistant, a spreadsheet program.

**Northern Telecom Canada Ltd.** of Toronto has opened a \$3-million installation in St. Laurent, Quebec, to house its Data Systems Canada unit. The building will house Data Systems' senior management, product development and support groups, and Eastern Canada sales group. Northern Data Systems Canada also has a technical centre in Toronto and eight sales offices across Canada.

**Construction will begin** in Elliot Lake, Ontario, on a building to house the research laboratory of the Canada Centre for Mineral and Energy Technology (Canmet). The new installation, to continue the work of the original complex established in 1964, will focus on developing safe and efficient mining techniques. Studies, applicable across the entire mining sector, are to be aimed at improving ground control and rock stability, and refining measurements of dust and radiation levels. Completion is expected in September 1985.

**The greatest increase in Canadian** exports in the first two months of the year was to the US and Japan, with sales climbing 33 and 30 per cent respectively. Exports to Britain were up 17 per cent and the increase to other European Community countries was 14 per cent. Elsewhere, exports rose 8 per cent.

**Hydro-Quebec will open** an office in New York City in September, according to a Hydro official. The three-man office is to promote energy sales to northeastern United States and to look after Hydro's varied interests there.

**Eleven of Canada's best household** furniture manufacturers will showcase their products at the New York Furniture and Accessory Market (FAM '84) to be held in the New York Coliseum, New York City, July 21-23. This will be Canada's second participation at the annual show which last year drew more than 300 exhibitors and about 12 000 visitors.

**Montreal has become the newest** member of the World Trade Centres Association, having been officially admitted at a recent meeting in Lisbon, Portugal. With some 55 centres worldwide, the World Trade Centres Association has a membership of close to 100 000 business persons.

**Géomines Ltée. of Montreal** has been awarded a \$3.7-million contract by the Canadian International Development Agency (CIDA) to carry out a mining research assistance project in Niger. The purpose of the project is to diversify the exploration, mining and marketing of the country's mineral resources. Seven Canadians from Géomines will provide technical expertise to Niger's Ministry of Mines and Industry and National Mineral Resources Board and will also be responsible for training local counterparts.

**Bell-Northern Research Ltd.**, a unit of Northern Telecom Ltd. of Mississauga, Ontario, is establishing a laboratory in Atlanta, Georgia, for research and development in telecommunications network technology. The laboratory will be the fifth BNR operation in the United States.

**Canada has pledged \$30-million** in overseas food aid in 1985 and 1986 making it the world's second largest food donor after the US. About \$60-million will be given in cash, and \$250-million in food products.

**The value of the fish component** of Canada's 1983-84 international food aid program reached \$24.6 million, compared to \$9.7 million the year before, it was announced recently. The Canadian International Development Agency (CIDA) provides herring and sardines, and small quantities of other canned fish to low-income countries which do not produce enough food for their people's needs. Of the \$24.6 million in fish products provided last year, \$8.8 million was distributed through the United Nations World Food Program which delivers food to the neediest areas of the world, while the other \$15.8 million was delivered as bilateral food aid to Zaire, Peru and Jamaica.

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# Canada

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