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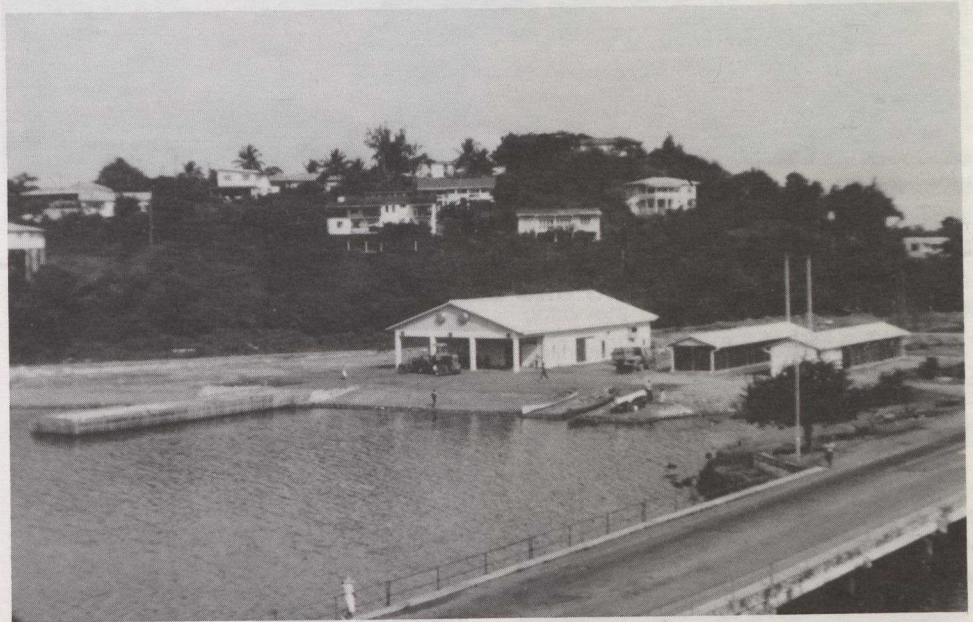
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Canada contributes to Castries fish plant project



CIDA Photos

The new fisheries complex in Castries, St. Lucia, includes a fish plant with cold storage facilities (centre), two buildings for fishermen (right), a landing pier and two canoe ramps.

A new fisheries complex, built by Canada and St. Lucia to help improve the incomes of Caribbean fishermen, was recently opened in St. Lucia's capital, Castries, in the area known as "Sans Souci".

Announcing the opening, Minister for External Relations Monique Vézina said that "the complex, which includes a fish landing terminal and a processing plant, will help to stabilize and improve the income of St. Lucia fishermen by providing an outlet for a larger catch of fish. It will improve the availability and quality of local fish for consumers and will save foreign exchange by reducing the need for fish imports and producing fish for export".

The Canadian International Development Agency (CIDA) provided about \$3.3 million for the project. This includes the cost of supplying insulated trucks that will collect fish from regional landing sites and deliver it to the plant for processing and freezing. The government of St. Lucia contributed \$1.35 million in locally-financed components such as site preparation, installation of services, landscaping and vehicle maintenance. CIDA's share of the project also included

training in Canada for nine St. Lucians in boat building, refrigeration, electrical controls, fish processing, management and marine biology.

Fish provide the major source of protein for St. Lucians, but until now fishermen have had no way to store their catch when it was not all immediately sold. In addition, it was necessary to import fish when the catch was down. Local fish vendors will still be able to buy directly from the fishermen at the landing stations, but they will also be able to buy frozen or chilled fish from the new plant.

Canadian design

Designed by J.D. Koppernaes Engineering Limited of Bedford, Nova Scotia, and built by E.G.M. Cape and Company Limited of Don Mills, Ontario, the terminal includes a 30-metre landing pier, two canoe ramps and two buildings with lockers and washrooms facilities for fishermen. The processing plant has a blast freezer that can freeze up to 2 270 kilograms of fish per day, storage capacity for 49 900 kilograms of frozen fish and another 9 100 kilograms of chilled storage. There is also a standby generator



External Affairs
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Canada



Fishermen in St. Lucia will have an outlet for a larger catch of fish with the new fish plant.

CIDA Photos

and a 90 900-litre back-up water supply. The new fisheries complex will be operated by a company, the St. Lucia Fish Marketing Corporation Limited, set up under the National Development Corporation. A Canadian from Newfoundland will manage the plant for the first two years of operation.

"The fish landing terminal and processing plant are the centrepiece of a fisheries development plan undertaken by the government of St. Lucia and CIDA," said Mrs. Vézina.

"In its continuing commitment to St. Lucia's fisheries sector, CIDA last year engaged North-South Intermedium Limited of Nepean, Ontario, to undertake a new 1984-91 Fisheries Development Plan," she added. The new study, which will cost \$98 000, will look at the long-term development of the fisheries industry for St. Lucia and provide recommendations for improved marketing procedures.

Canola market to expand into the United States

Agriculture Minister John Wise and Minister for the Canadian Wheat Board Charles Mayer have announced that the United States government has declared Canadian canola oil officially safe for human consumption in the United States.



Bright yellow canola blossoms in Alberta field. Canada is a world leader in the production and technology of canola from rapeseed.

Notice of the decision by the US Food and Drug Administration (FDA) was published in the US Federal Register on January 28. The register notice designates Canadian canola oil as "Generally Recognized as Safe" (GRAS) which is the FDA certification of the safety and quality of the oil for food use.

"This is a major economic development for the Canadian canola industry," said Mr. Wise.

Mr. Mayer added that "Canola is the major producer and international trader of this rapeseed variant and access to the

US market should give the industry a considerable boost".

He also noted that the safety and high quality of canola oil have long been recognized. "It is the most widely used vegetable oil in Canada and is popular in many areas of the world including Japan and some European countries," he said.

Important industry

Virtually all Canadian rapeseed production now is canola. The industry has grown from virtual non-existence to one of the most economically significant agri-food industries in Canada over the past three decades.

Sales of Canadian-produced canola seed and processed products surpass one billion dollars annually.

Canola was originally developed by federal scientists from rapeseed. Using selective breeding techniques, they removed the impurities and produced a product that now comprises 52 per cent of all margarine, salad oils and shortening sold in Canada.

Canola is now the third-largest crop in the country, after wheat and barley. It accounted for \$753 million in exports in the first ten months of 1984.

(For a more complete description of the Canola industry in Canada, see *Canada Weekly*, April 25, 1984.)



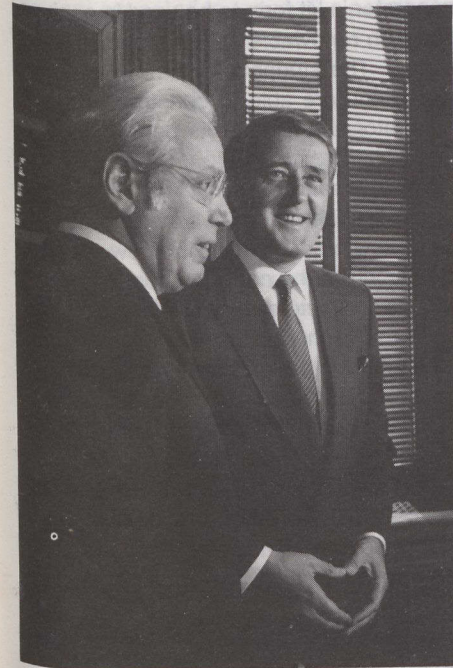
Canola oil is a very versatile product that can be substituted for any of the other vegetable oils.

UN head visits Canada

United Nations Secretary-General Javier Perez de Cuellar made an official visit to Canada, March 6-9, attending meetings and functions in Toronto, Ottawa and Quebec City. He was accompanied by Canada's ambassador to the United Nations, Stephen Lewis.

Mr. Lewis said Canada was among the countries chosen to visit in this fortieth anniversary year of the UN because of its "solidarity over the last four decades with the United Nations".

Canada's total contribution to the UN for 1982, the last year for which total figures are available, amounted to \$157.9 million.



Prime Minister Brian Mulroney (right) welcomed the UN secretary-general to Ottawa.

In Toronto, the UN secretary-general met with Ontario government officials and spoke at a meeting attended by representatives of Canadian agencies who deal with international problems and other interested observers. He also attended a banquet sponsored by the United Nations Association in Canada.

Aid to Africa

He appealed to Canadians to make relief to African famine victims a major priority. He said that Canadians had done an admirable job so far, and should increase their aid to the Africans, "not out of compassion but out of human solidarity". Besides giving money and facing the debt problem, he said, the international community must take action to restore soil fertility and to give technical assistance to development projects.



UN Secretary-General Javier Perez de Cuellar addressed a joint session of the House of Commons and Senate during his visit to Canada.

"There are 52 countries in Africa," he said, "and we must ensure they are prosperous, efficient, contributing members to the international community, not second- or third-class citizens".

Addressing a joint session of the House of Commons and the Senate in Ottawa on March 7, Mr. Perez de Cuellar called on the world's political leaders to stop military technology from taking command of their societies. "Technology must be the servant, not the master of people's destiny," he said.

The secretary-general described submission to military technology as a new form of determinism. Security, he said, is not purely military: economic, social, cultural and psychological security are infinitely more important than in the past.

Mr. Perez de Cuellar met with Prime Minister Brian Mulroney and Secretary of State for External Affairs Joe Clark in Ottawa. He appealed to Canada to help the UN in a number of ways, including promoting talks between industrialized and developing countries to make the world economy more efficient and less crisis-prone.

Support for UN

Introducing Mr. Perez de Cuellar to the joint session, Prime Minister Brian Mulroney pledged Canadian support for a renewed and revitalized UN system and congratulated him for moving to make the organization more efficient.

He said the continued existence of wars were, "a reproach not to the UN but to each and every member state", and cited Canadian participation in almost all UN peacekeeping missions.

He said, however, that "we believe in a strong defence as a deterrent to war", and he added that Canada believes it can make its best contribution to its own defence and to global security by participating in bodies such as the North Atlantic Treaty Organization.

During the visit in Ottawa the UN secretary-general was given an honorary doctorate degree by Carleton University.

The awarding of the degree to Mr. Perez de Cuellar marks the fourth time the university has honoured a secretary-general of the UN. The first honorary degree ever awarded by the university went to the then secretary-general of the UN, Dag Hammarskjold, in 1954. U Thant and Kurt Waldheim were honoured in 1962 and 1972.

Speaking at the convocation ceremony, Mr. Perez de Cuellar indicated his determination to move the UN closer to the centre of the world stage, and he called for a more aggressive approach to the UN's traditional peacekeeping mission. He said the UN should start sending troops or military observers to the world's trouble spots to stop fighting before it breaks out.

"This would amount to a new preventive role for peacekeeping," he said. "And it might also save a great many lives," he added.

Mr. Perez de Cuellar ended his Canadian visit in Quebec City where he met Quebec Premier René Lévesque and attended an international conference at Laval University on minority rights.

In a Quebec City speech, he said the UN is moving to help countries that violate human rights take steps to improve their record. "The development of technical assistance in the field of human rights must become one of our priority objectives," he said.



Secretary of State for External Affairs Joe Clark (right) at a reception with Mr. Javier Perez de Cuellar.

Peter Bregg photos

Windstream windmills whirling in China

Wind generators designed by Thermax Corporation Energy Systems of Vankleek Hill, Ontario, have been sold to the China Industrial Development Corporation.

The small renewable energy firm has signed a contract, initially worth \$18 000 to supply the Chinese corporation with 20 of its nine-kilogram, 12 volt wind generators. If the generators prove marketable in the country, Thermax will form a joint venture with the Chinese

government to manufacture them in China. The company expects future wind-generator sales to the Orient to reach 1 000 units.

The windmill-like units, which convert mechanical energy into electricity, will be demonstrated in Mongolia. Complete with batteries, towers, voltage regulators and current monitors, "they'll power fluorescent lights, water pumps, radios and televisions", said Thermax vice president of engineering, Colin Kerr.

Thermax began in Canada in 1976 as a product research and development company and in 1977 opened a US subsidiary to manufacture its wind generators and ac-



Thermax's windmill-like Windstream generator converts mechanical energy into electricity in remote areas.

cessories. The small company currently has a staff of five, with two in the US. The wind generators are marketed by five dealers in Canada and 20 in the US.

In 1984, the company sold 1 000 of its models, Windstream and Helius. Some 300 were sold in Canada and the majority were exported. At the present time, the company is looking to increase sales in developing countries, said Mr. Kerr.

Various uses

The Windstream generator supplies an average of 138 kilowatt hours per year of emergency power with an average 20-kilometre

wind. Its main value is to provide power for emergencies or for areas with no power.

"This type of machine can power a cottage and is definitely meant for remote locations where there's no power," said Mr. Kerr. With one or two marine-type batteries, the Windstream could generate enough power to run a cottage's lights, waterpump and television for a weekend, he said.

A company in New Mexico purchased 18 Windstreams and installed them on lakes to warn sailboats when the water gets choppy. The generators were outfitted with strobelights, as on the wingtips of airplanes, and when the wind reaches 24 kilometres an hour, the strobelights flash.

The Listowel District Secondary School in Listowel, Ontario bought a Helius wind generator in kit form to be used in conjunction with renewable energy courses at the school. The students learn how electricity works and are able to construct the wind generator and monitor its performance.

Further research

Currently Thermax is working to develop some new products. One is a new speed indicator which the company hopes to sell to airports and meteorology stations as a replacement to the three-dish type anemometer.

Another is a high-power, electronically-controlled, fully-automatic one-kilowatt wind generator with a projected capacity of 2 200 kilowatt hours per day. "It's designed for the export market for places like North Africa, India, China and other areas which would otherwise have to use diesel generators for their power," said Mr. Kerr.

New defence minister

Erik H. Nielsen was appointed minister of national defence by Prime Minister Brian Mulroney on February 27. He replaces Robert Coates, who resigned on February 12.

Born in Regina in 1924, Mr. Nielsen was first elected to the House of Commons in 1957. He has served as the member of Parliament for the Yukon and in a number of capacities for the Progressive Conservative Party since then. He was a pilot in the Royal Canadian Air Force and earned a Distinguished Flying Cross for his efforts in Europe during the Second World War.

Mr. Nielsen was appointed deputy prime minister and president of the privy council on September 17, 1984. He will retain the position of deputy prime minister and Ramon John Hnatyshyn will assume the duties as president of the privy council. Mr. Hnatyshyn will continue to hold his current portfolio as government house leader.



Colin Kerr, vice president of engineering (right), and Barry Moreton, production manager, check Windstream propellers.

Russ Mant, The Citizen photos

Marine weather services

Minister of the Environment Suzanne Blais-Grenier has announced a number of programs to improve marine weather services on the west coast of Canada for the safety of fishermen.

The programs are being implemented on the recommendations of the LeBlond investigation into the severe storm that resulted in tragedy on October 12, 1984. They are expected to reduce the possibility of repetition of the tragedy.



Suzanne Blais-Grenier

Programs in effect

In the announcement Mrs. Blais-Grenier noted that Minister of Fisheries and Oceans John Fraser implemented a number of the recommendations affecting fisheries surveillance vessels. They include increasing the number of weather observations taken by federal government vessels on a regular basis and the recording of special observations when significant changes in the weather occur.

Greater co-ordination of fishery openings and closings between the weather service and fisheries vessels where there are forecasts of severe weather conditions, are also being implemented.

New plans

Other programs that will begin almost immediately will include: expansion of a west coast committee that co-ordinates marine safety activities for roe herring fisheries to include the salmon fishery; research into the causes for severe Pacific storms and the development of techniques to better forecast these events; and improvement of procedures to exchange weather observations and forecasts directly with the fishing fleet on a real-time basis.

In addition, Environment Canada had planned to expand the Drifting Buoys and Automated Shipboard Aerological programs on the west coast. These programs will contribute to improvements in marine weather services.

Mrs. Blais-Grenier, Mr. Fraser and Minister of Transport Don Mazankowski, are currently reviewing a number of other recommendations of the LeBlond report and expect to announce additional programs to further improve the marine weather services on the west coast.

British Columbia institute aids Indonesia

External Affairs Minister Monique Vézina has announced that British Columbia's Open Learning Institute will help Indonesia launch its new open university, Universitas Terbuka (UT) in Jakarta.

"The Open Learning Institute is considered the ideal body to help Universitas Terbuka get established," said Mrs. Vézina. "It is recognized as one of the best systems in the world and it already has extensive overseas experience. It helped Sains Universiti Malaysia develop an open university concept," she added.

Mrs. Vézina also said that "assistance with human resource development is considered the best investment that Canada can make in Indonesia". Management assistance provided by the Open Learning Institute will involve both Canadian participation in Indonesia and the training in Canada of Indonesian staff. The Canadian International Development Agency (CIDA) will contribute about \$300 000 a year for the project.

Terbuka Universitas, which has been in

the planning since 1979, opened for enrollment on September 4, 1984, with some 57 000 applications. Enrollment in all programs is expected to be about 500 000 by the time UT has been in operation for five years, making it the largest educational institution in the country.

The new university offers a variety of programs: one for upgrading school teachers, one offering teacher training for university lecturers, diploma courses of one, two and three years, and a four-year Bachelor program. Initially the Bachelor-level courses are to be offered in economics and development, business administration, public administration and applied statistics.

Dr. John Ellis, a Simon Fraser University professor and the first president of BC's Open Learning Institute said that as "distance learning", as offered by the open university concept, goes beyond the traditional correspondence courses, UT will establish 32 regional centres where students can attend tutorials and get expert assistance.

Nova Scotia university honours humanitarian

An honorary doctorate was recently conferred on Sister Maria Rosa Leggol by Saint Francis Xavier University in Antigonish, Nova Scotia in recognition of her humanitarian work with both children and adults in Honduras.

Sister Maria Rosa is the founder of the largest child-care program in Honduras which is among the three lowest-income countries in Latin America. Her large, multi-faceted program provides total assistance for 2 000 orphaned and abandoned children and since the program was founded under the name 'Sociedad Amigos de los Ninos' (Association for Friends of Children) in 1916, 10 000 children have received care.

Although emergency care for needy mothers and children is an important aspect of the work, the main emphasis is on preparing people from all needy segments of the population to become self-sufficient. The program has expanded to include training in job-related skills like sewing; carpentry; mechanics; establishment of marketing enterprises; promotion of agricultural co-operatives; rehabilitation services; preventative as well as curative health care; and assistance for the handicapped.

Funds for the work are raised both within the country and from international sources. Canada has contributed \$300 000 per annum over the past five years to 'Horizons of Friendship' through the Canadian Interna-



Sister Maria Rosa Leggol receives an honorary doctorate from Saint Francis Xavier University in Nova Scotia for her humanitarian efforts with children in Honduras.

tional Development Agency toward the work of Sociedad Amigos de los Ninos.

For her humanitarian contributions in Honduras, Sister Maria Rosa has received a number of awards from organizations such as the Rotary Club, the North American branch of the Red Cross and the National Catholic Development Conference in New York.

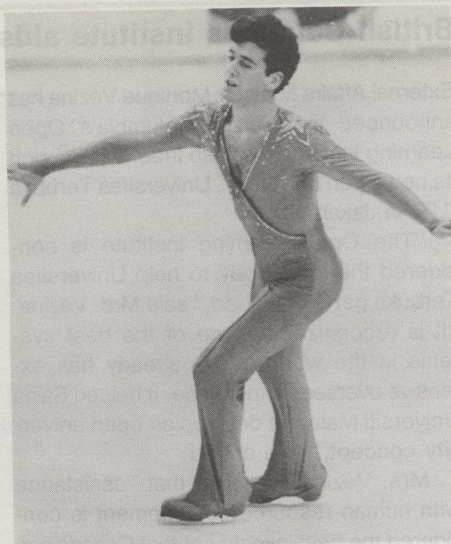
World champion skaters

Canada's national men's figure-skating champion, Brian Orser of Penetanguishene, Ontario won the silver medal at the world championships in Tokyo this month. Brian Orser was also the silver medalist at the 1984 championships held in Ottawa.

In the pairs event Katherina Matousek of New Westminster, British Columbia, and Lloyd Eisler of Seaforth, Ontario, won the bronze medal. It was the third consecutive year that Canada has captured a medal in the pairs competition: Barbara Underhill and Paul Martini, who trained in Toronto, won the world championship last year after winning a bronze the year before.

Two other Canadian couples — Lyndon Johnston of Hamiota, Manitoba with Melinda Kunhegyi of Burlington, Ontario, and Cynthia Coull of Greenfield Park, Quebec with Mark Rowsom of Comber, Ontario — finished fifth and seventh, respectively.

In the dance event, the fourth place finish by Tracy Wilson, 23, of New Westminster, British Columbia, and Rob McCall, 26, of Halifax, Nova Scotia, was the best by a Canadian dance team since the silver-medal performance of Paulette Doan and Ken Ormsby at the 1964 world championships in Dortmund, West Germany. Wilson and McCall, who have been the Canadian champions since 1982, finished sixth



Canapress

Brian Orser won the silver medal in the men's event at the world figure-skating championships two years running.

at the world championships last year.

The other Canadian couple, brother and sister team of Karyn and Rod Garossino, from Calgary, Alberta, made their world-championship debut and placed tenth.

The Canadian women's champion, Elizabeth Manley from Gloucester, Ontario, finished ninth over-all at the world championships. She was unable to execute some of the triple jumps she had planned to include in her free skating program owing to an injury to her left foot and shin splints in her right leg.

Canadian computerized cabs in New York

Gandalf Technologies Inc of Manotick, Ontario, recently made a \$1-million deal to supply and install the first fully-computerized taxi dispatch system in New York City. The agreement with Bell Radio Taxi Inc. is Gandalf's largest installation of this type of equipment in the US to date.

In the initial installation, Gandalf will equip 300 taxis with mobile display terminals that are attached to the dashboard and allow the driver to communicate with the taxi company's dispatch centre.

They will also supply the dispatch centre with hardware and software for dispatching and fleet management. The company says this equipment will be able to handle up to 800 taxis.

Gandalf says the computerized system can save customers waiting time because it is more efficient than voice-based radio dispatching, which depends on the skill of the individual dispatcher. When the cab company receives a call for a taxi, the telephone operator enters the name of the customer, the address and any other pertinent informa-

tion into the computer.

The system automatically determines the proper zone for the fare and alerts the first available taxi in that zone through a small information display unit in the taxi. The driver can use the terminal to let the operator know whether or not he will be able to take the call. Once the fare is completed, the driver can notify the dispatching system of his zone and availability for future calls.

Gandalf has developed its computerized dispatching system over the past eight years in co-operation with the taxi industry. It has already supplied more than 1 500 dispatching terminals to cab companies in Canada and the US.

According to Gandalf president, Des Cunningham, "computerized dispatching is clearly the wave of the future for taxi firms because it will clearly increase revenues for both drivers and fleet owners, raise their profitability and improve management control". He says that "he is sure that this order is just the beginning of computerized dispatching in New York".

Swimmers at international meet

The Canadian swim team won five gold medals, three silver and six bronze in the three-day Arena Festival swim meet held in Bonn, West Germany in February.

Alex Baumann of Sudbury, Ontario, a double-gold medallist at the Los Angeles Olympic Games, set a world-best time at the international swim meet in the 400-metre individual medley when he swam 4:14.48. As the race was held in a 25-metre pool and not an official 50-metre pool, the result is not considered a world record. Baumann also won a gold medal in the 200-metre individual medley, swimming the distance in 1:58.81.

Other medalists included: Mark Tewksbury, 16, of Calgary, Alberta with a gold medal for the 50-metre backstroke; Vlastimil Cerny of Winnipeg with a silver and a bronze; Jennifer Campbell of Sudbury, Reema Abdo of Belleville, Ontario, Alison Dozzo of Toronto, Ontario, and Pascale Choque of Varennes, Quebec won bronze medals; and a Canadian medley relay team won a silver.

Robotics firm in Ottawa

Machine Vision International Inc. of Ann Arbor, Michigan, a firm specializing in systems that allow robots to "see", has announced that it is setting up its Canadian head office in Ottawa, Ontario.

Director of international development Jim Gilligan said they chose Ottawa because of the presence of government, universities and a strong electronics industry. The company plans to start assembling systems in the Ottawa area early in 1986.

Machine Vision develops, assembles and markets computer-based image processing systems that guide robots and allow them to "see" the jobs they are working on. Automobile manufacturers, for example, use the systems to give robots immediate and accurate information about the location of a car body and the part, such as a windshield, to be placed on the body.

The company also makes vision systems for the food processing industry, to allow for packaging inspection or the removal of stems from vegetables before they are canned. Some vision systems are made for inspection of surface-mounted devices such as printed circuit boards.

Prudential-Bache Securities has rated Machine Vision one of the top three vision firms in the US. The company was founded in 1981 and had revenue of \$4 million (US) last year.

Paintings inspire music

Composer Harry Freedman was inspired by the paintings of three Canadian artists to create *Images*, a work in three movements.

The musical composition was performed on March 4 at the National Arts Centre in Ottawa by the Ottawa Symphony Orchestra under the baton of Brian Law. During the performance, the hall was darkened and a screen lowered above and behind the orchestra to allow slides of the paintings that inspired the composer to be shown as the music was performed.

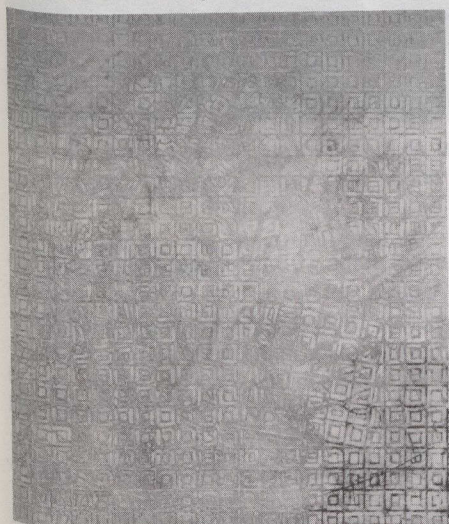
To enhance the presentation of *Images*, the National Gallery of Canada exhibited



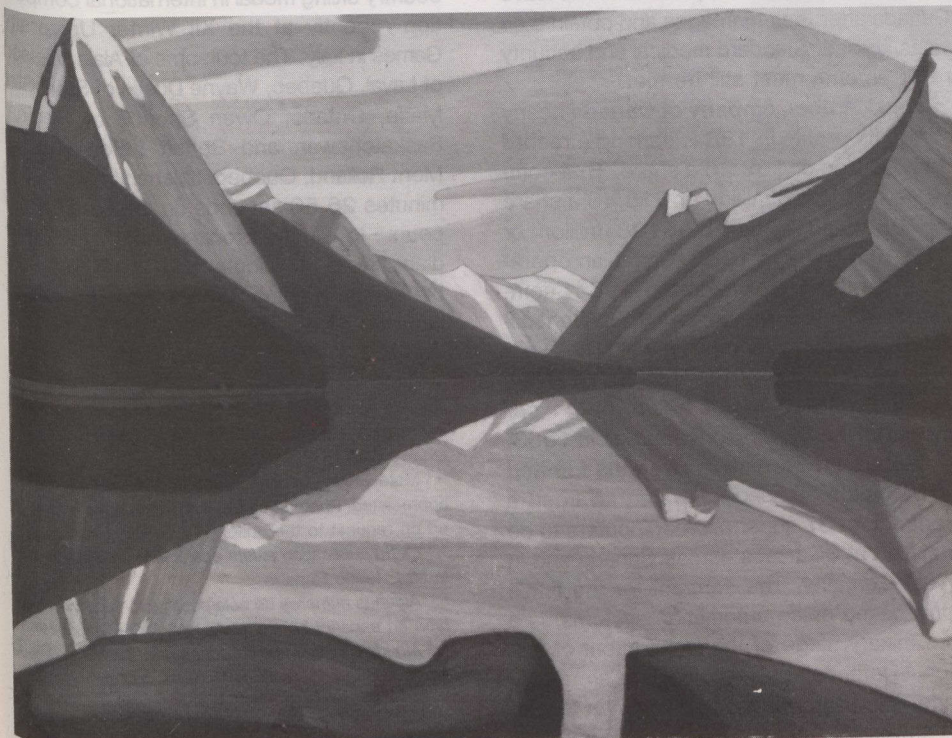
The Wheel II, oil on canvas by Jean-Paul Riopelle, 1956.

works of art by the three artists who inspired the work. The three paintings selected by the gallery — *Maligne Lake, Jasper Park* (1924) by Lawrence Harris, *The Wheel II* (1956) by Jean-Paul Riopelle, and *Square Infinity* (1964) by Kazuo Kakamura — were very similar to those translated into musical form by Mr. Freedman.

Harry Freedman, who trained as an artist in his youth, often uses the visual arts for inspiration and for the enjoyment of exploring two art forms simultaneously. Other examples of the Canadian composer's musical illustrations of visual images include scores influenced by the paintings of Cornelius Krieghoff and Emily Carr.



Square Infinity, oil on canvas by Kazuo Nakamura, 1964.



Maligne Lake, Jasper Park, oil on canvas by Lawren Harris, 1924.

Arts briefs

Canadian playwright George Ryga's searing, jubilant drama *The Ecstasy of Rita Joe* recently made its New York premiere. The presentation was made through the collaboration of the Americas Society and the American Indian Community House which is the only organization in New York City that specifically serves the social, economic, cultural and educational needs of the 14 000 native Americans living in the metropolitan area. The play deals with the growing migration of American Indians to large cities. It takes a serious look at unsolved problems as well as celebrating traditional values and mores. It was first presented in French in Quebec in 1969 and made its US debut (in English) in Washington in 1973.

Acadian folksinger Edith Butler was greeted warmly by audiences and critics during her recent concerts in France. In six concerts at the showcase Olympia Theatre in Paris, audiences sang along, clapped in time and brought her back for as many as five encores. The newspaper *Le Monde* praised Ms. Butler for her "vitality and joie de vivre" while *France-Soir* called her "supercharged and terrific".

Nova Scotia's Mermaid Theatre has been invited by the Smithsonian Institution of Washington, D.C. to appear at its young people's Discovery Theatre for five weeks beginning in May. The Theatre will present 50 performances of Kipling's *Just So Stories*, adapted for the stage by Graham Whitehead. *Just So Stories* will also be presented in Baltimore before the company returns to Nova Scotia.

Ra, Murray Schafer's 11-hour opera which was originally presented by Comus Music Theatre at the Ontario Science Centre in Toronto in May 1983, will be produced at the Holland Festival this June. Mr. Schafer and director Thom Sokoloski will present *Ra* in the town of Lieden, 40 kilometres southwest of Amsterdam. The production will involve the town's cathedral, forest and museum as audiences follow *Ra*, the ancient Egyptian sun god, on his protracted journey through the netherworld.

Don Messer's *Jubilee*, John Gray's musical tribute to the down-east music that was Canada's most popular Canadian Broadcasting Corporation television show in the 1960s, was a complete sell-out at its world-premiere run at the Neptune Theatre in Halifax, Nova Scotia, and the theatre says it now is considering taking the production on a national tour. John Gray has written a number of hit plays including *Billy Bishop Goes to War*, *Sixteen Wheels* and *Rock and Roll*.

News briefs

Minister of State for Forestry Gerald Merrithew led the Canadian delegation to the inaugural ceremonies of the new president of Uruguay, Dr. Julio María Sanguinetti, in Montevideo on March 1. Mr. Merrithew was accompanied by the Canadian chargé d'affaires to Uruguay, R.D. Turner.

The Canadian International Development Agency (CIDA) has signed a technical co-operation agreement to provide up to \$1 million over the next three years to the Economic Development Institute (EDI) of the World Bank. It is the first time the EDI has made such an agreement with an external aid agency. Since it was formed in 1955, the Institute's training courses and materials for policy-makers in the developing countries, have been financed by the World Bank's funds with additional contributions on an *ad hoc* basis from member countries. Under the terms of the agreement, the funds will be used to engage the services of Canadian individuals, consulting firms, associations and institutions.

Advanced Medical Technologies of Charlottetown, Prince Edward Island, has signed a \$4-million (US) contract for the sale of Preci-Jet, a needleless medical injection kit. The pen-sized injector, developed by Raymond Grunwald, is about half the size and cost of a device currently used in the US. It will retail for \$500 to \$600.

The Export Development Corporation recently signed two allocations under a \$64-million line of credit agreement renewed with the Republic of Cameroon on May 26, 1984. The first is a \$2.08-million (US) allocation with the Ministry of Planning and Land Management of the Republic of Cameroon to support the sale of water distribution piping by Cannon Inc., Montreal, Quebec and the second is a \$305 763 (US) allocation to support a sale by Ag Systems International Consultants Inc. of Montreal that involves a feasibility and engineering study for a pilot dairy project in Ngaoundéré. The Canadian International Development Agency will provide parallel financing of \$1.23 million (Cdn) and \$221 200 respectively for each allocation.

McElhanney Group Limited have received a contract to conduct a hydrographic survey in the Arnott Strait, which lies between Cameron Island and Ile Vanier in the high Arctic. The over-the-ice survey will map a safe shipping lane for possible tanker traffic in an area close to the North Magnetic Pole. An analysis of the hydrographic survey data is expected to be completed in June 1985 with a definitive shipping route marked

Penguin born in Canada



The month-old Australian dwarf penguin (above) at the Montreal Aquarium, was the first of its species hatched in captivity in Canada under the normal care of its parents. It weighs 795 grams.

through the Arnott Strait into the vicinity of Cape Kennedy, Northwest Territories.

Minister of Employment and Immigration Flora MacDonald has announced changes in immigration guidelines to allow foreign spouses to apply for landing in Canada without having to leave Canada. This change applies mainly to people who, while residing temporarily in Canada, marry a citizen or permanent resident. In the past, unless there were special humanitarian or compassionate circumstances, these applicants had to leave Canada after their marriages and obtain their visas abroad. Standard medical and security requirements must still be met.

Ford Motor Company of Canada nearly tripled its profits in 1984, earning a record \$433 million or \$52.25 a share. That compares with \$153 million or \$18.40 a share in 1983 and a loss of \$108 million or \$12.99 a share in 1982. Canadian operations earned \$352 million in 1984, compared with \$85 million in 1983. Consolidated sales by the company, which has subsidiaries in South Africa, Australia and New Zealand, totalled \$12.1 billion, up 41 per cent from the \$8.5 billion recorded in 1983.

Motorola Information Systems Limited of Brampton, Ontario has been awarded a contract for 37 super-microcomputers to be installed at 35 bases across Canada and in West Germany. The contract for the firm's Unix-based office automation systems, is a preliminary stage of the Department of National Defence's ADP project, a plan to provide automation at base and station levels.

Linda Thom of Ottawa, Ontario, who won the gold medal in the women's sports-pistol

event at the 1984 Summer Olympics in Los Angeles, set two records en route to ensuring a place for herself on the team that will represent Canada in the world air-gun championships in Mexico City, April 21-25. She scored 763 of a possible 800 to eclipse her national women's record by 10 points. She also posted single rounds of 383 and 380 to top the previous single course record of 378.

The Canadian men's 4x10 kilometre relay team won the country's first cross-country skiing medal in international competition recently at the XII Winter University Games in Italy. The foursome of Alain Masson of Laval, Quebec, Wayne Dustin of Sault Ste. Marie, Ontario, Owen Spence of Regina, Saskatchewan and Benoit Letourneau of Mont-Rolland, Quebec, finished in 1 hour 40 minutes 26.50 seconds on the Pian Longhi course to win the bronze medal. The Canadians were 1 minute and 3.10 seconds behind the winning Soviet team. The Italians won the silver.

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