

# Canada Weekly

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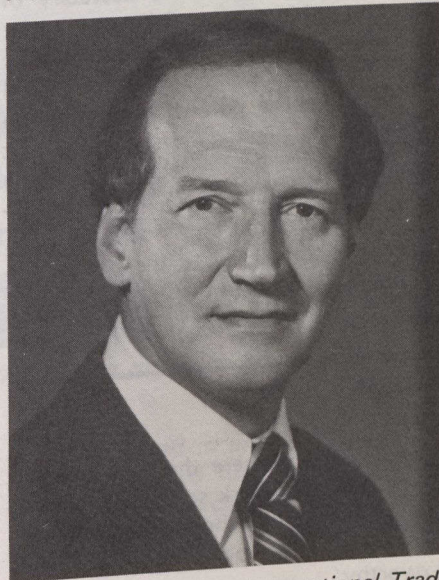
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## New external relations and international trade ministers

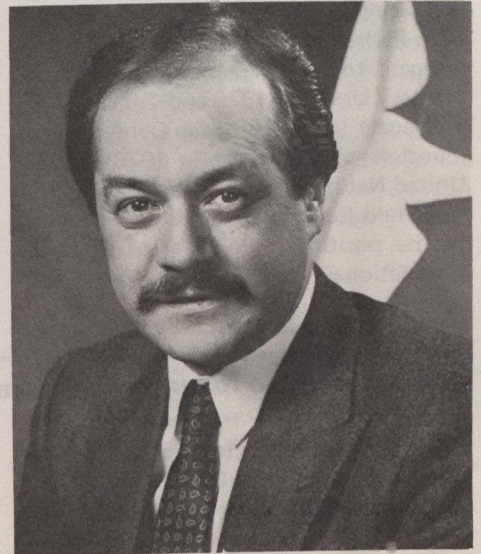


Minister of State for International Trade  
Gerald Regan.

Prime Minister Pierre Trudeau announced the second phase of his restructuring of the Cabinet on September 30.

The shuffle, involving 13 ministers, did not bring any new members into the 35-member Cabinet. The first phase of the Cabinet reorganization, announced on September 10, entailed changes to five posts (see *Canada Weekly*, September 30).

- The latest changes to the Cabinet are:
- Bud Olson as Leader of the Government in the Senate from Minister of State for Economic Development;
  - Herbert Gray as President of the Treasury Board from Minister of Industry, Trade and Commerce and Minister of Regional Economic Expansion;
  - Raymond Perrault as Minister of State for Fitness and Amateur Sport from Leader of the Government in the Senate;
  - Roméo LeBlanc as Minister of Public Works from Minister of Fisheries and Oceans;
  - Pierre De Bané as Minister of Fisheries and Oceans from Minister of State for External Relations;
  - Gerald Regan as Minister of State for International Trade from Secretary of State;



Minister of State for External Relations  
Charles Lapointe.

- William Rompkey as Minister of State for Small Businesses and Tourism from Minister of National Revenue;
- Pierre Bussières as Minister of National Revenue from Minister of State for Finance;
- Charles Lapointe as Minister of State for External Relations from Minister of State for Small Businesses and Tourism;
- Edward Lumley as Minister of Industry, Trade and Commerce and Minister of Regional Economic Expansion from Minister of State for International Trade;
- Donald Johnston as Minister of State for Economic Development and Minister of State for Science and Technology from President of the Treasury Board;
- Paul Cosgrove as Minister of State for Finance from Minister of Public Works; and
- Serge Joyal as Secretary of State from Minister of State with responsibilities for Quebec.

### External relations and trade portfolios

Charles Lapointe, the new Minister of State for External Relations, was appointed Minister of State for Small Businesses in 1980 and in 1981 his portfolio was



External Affairs  
Canada

Affaires extérieures  
Canada

expanded to include tourism.

Mr. Lapointe is a former foreign service officer with the Department of External Affairs and served as vice-consul at the consulate-general in Marseille, France from 1971 to 1973. He was first elected to the House of Commons in 1974 and was re-elected in 1979 and 1980. In 1976, Mr. Lapointe was the Canadian delegate to the United Nations and in 1977 was appointed Parliamentary Secretary to the Minister of Transport. He was vice-president of the Canadian Group Inter-Parliamentary Union and Canadian delegate to meetings of the Inter-Parliamentary Union in 1976 and 1977. He was a delegate to the European Conference of Ministers of Transport in 1978 and the United Nations in New York in 1979.

Gerald Regan, who has been appointed to the position of Minister of State for International Trade, was first elected as

a member of Parliament for Halifax in 1963. In 1965, he took over as leader of the Nova Scotia Liberal Party and was elected to the provincial Legislature in 1967, 1970, 1974 and 1978. Mr. Regan served as premier of Nova Scotia from 1970 to 1978.

He was re-elected as a federal member of Parliament for Halifax in 1980 and was appointed Minister of Labour and Minister responsible for Fitness and Amateur Sport. Mr. Regan became Secretary of State, retaining the portfolio as Minister responsible for Fitness and Amateur Sport in 1981, while also being named a member of the Cabinet committee on priorities and planning. He was the first Canadian to be named chairman of the executive committee of the Commonwealth Parliamentary Association. Mr. Regan was appointed to the position in 1973 and served for a three-year term.

## New initiatives to foster aerospace employment

Details of initiatives to create four planning boards to help Canada's aerospace industry meet its needs for skilled workers in the 1980s were announced by Employment and Immigration Minister Lloyd Axworthy at the recent executive meeting of the Air Industries Association of Canada.

Three permanent human resource boards are to be established in Manitoba, Ontario and Quebec with a national board to provide human resource planning leadership from a country-wide perspective. The boards are expected to give a permanent mechanism to complement the aerospace sector manpower planning agreement signed between the industry and the federal government in May 1981 and to support new steps in high skill training made possible through the new National Training Act (see *Canada Weekly*, September 1, 1982).

The proposal to establish the boards by the federal government came after consideration of studies prepared by a senior aerospace industry advisory group and consultation with industry organizations, labour and provincial governments.

### Manpower needs projected

The mandate of the boards would be to project manpower demand and supply in the industry and, on the basis of the analysis, recommend to industry and governments what action and assistance is needed. "Ultimately, we are striving

for a situation where the private sector and government work so closely together that industry skill shortages and bottlenecks simply do not occur," said Mr. Axworthy.

The federal strategy for the aerospace sector is based on a forecast that the industry will need an additional 13 000 technicians, technologists and engineers in the next few years. The total aerospace workforce is expected to reach more than 100 000 this decade.

The labour demand forecasting responsibilities of the boards are expected to result in the gathering of advance information necessary to identify occupations eligible for support under the federal government's new National Training Program.

### Four boards created

The Winnipeg Board will serve the four western provinces, the Montreal Board will serve Quebec and the Atlantic provinces and the Toronto Board will serve Ontario. The National Board will co-ordinate the activities of the regional bodies.

Mr. Axworthy invited representatives of the Air Industries Association to attend a meeting in October which would bring together senior representatives from the aerospace industry, labour and provincial governments to determine how the work of the three boards could best be integrated at the national level.

## East coast oil pacts signed

Minister of Energy, Mines and Resources Jean Chrétien has announced the conclusion of seven exploration agreements between the federal and Nova Scotia governments and Shell Canada Resources Limited, the operator on all the lands covered by the agreements.

The agreements, totalling \$551 million, involve 1.9 million hectares on the Scotian Shelf near Sable Island. They were negotiated through the Canada Oil and Gas Lands Administration (COGLA) and were approved by the Canada-Nova Scotia Offshore Oil and Gas Board.

The agreements are in addition to six agreements worth \$263 million concluded with Shell for Scotian Slope lands in deeper water (see *Canada Weekly*, July 14, 1982).

The *Sedco 709* will be used to drill the nine exploration wells covered in the agreements. Each of the pacts has a term of three years but two agreements, which have two-well commitments, will be extended by one year if the second drilling rig at the site discovers a well before October 31, 1983.

The program will employ 254 people directly for the first rig, increasing to 475 for a second rig. Initially, 67 per cent of the work force will be from Nova Scotia, increasing to 95 per cent during the last year of the agreements.

Ownership varies among the blocks of land covered by the agreements. In addition to Shell Canada Resources, the other major owners are: Shell Explorer Limited; Petro-Canada Exploration Incorporated; and Sulpetro Limited. Three other companies, Mobil Oil Canada Limited, Texaco Canada Resources Limited and Texas Eastern Exploration of Canada Limited, each have a share of two agreements.

After the first year, 25 per cent of the lands held by the agreements will be returned to the Crown, and a further 25 per cent will be returned after the second year. The agreements also call for 5 250 kilometres of seismic work to be completed.

Other agreements for the Scotian Shelf Slope include a \$500-million program announced July 30, 1982, involving Petro-Canada Exploration Incorporated, Bow Valley Industries Limited and Husky Oil Operations Limited. The federal and Nova Scotia governments are also negotiating with other major companies and more announcements are expected soon, said Mr. Chrétien.

## Canada and Israel sign agreement on agricultural co-operation



Mr. Simha Erlich (left) and Mr. Eugene Whelan sign the protocol to create a joint fund for co-operative agriculture research.

Agriculture Minister Eugene Whelan and Israeli Deputy Prime Minister and Agriculture Minister Simha Erlich held a series of meetings in Ottawa from September 12-16.

Mr. Erlich led a delegation of Israeli agricultural leaders to Canada for discussions with Canadian officials and to visit agricultural facilities.

In a protocol signed outlining the results of their meetings, the two

ministers agreed in principle to establish a jointly-financed fund for co-operative agricultural research projects. Canadian and Israeli officials will work out the details for the establishment of this fund during the next four months.

Mr. Whelan and Mr. Erlich also discussed agricultural topics such as trade possibilities, the encouragement of agricultural tourism and agricultural research and market development needs.



(From left to right): Canadian Agriculture Minister Eugene Whelan, his Israeli counterpart, Simha Erlich, Mrs. Whelan and Mrs. Erlich visit a tomato processing plant in Amherstburg, Ontario.

The Israeli minister's visit coincided with the third meeting of the Canada-Israel agriculture committee established in a memorandum of understanding signed by the two countries when Mr. Whelan visited Israel in 1979.

At this year's committee meeting, it was agreed to exchange scientists in the areas of agricultural research and plant and animal health. The committee members and the two ministers also discussed agricultural marketing and the role of Canagrex, the proposed Canadian agricultural export agency and Agrexco, the Israeli equivalent which has been operating since 1956.

During his visit to Canada, Mr. Erlich toured major agricultural facilities in the Ottawa, Winnipeg and Windsor area. In Winnipeg he met with Canadian Wheat Board officials.

## Firm offers health programs to suit lifestyle

An Ottawa health and fitness consultant has started a new company offering personalized exercise and nutrition programs to people in their own homes.

Marla Gold, who began M.G. Lifestyles a few months ago, is offering people programs suited to their particular lifestyles. Miss Gold graduated in education at McGill University in Montreal and received her masters in physical education from the University of Ottawa.

In devising a personalized program, Miss Gold looks at three areas: fitness and exercise; weight and nutrition; and lifestyle counselling. Under the fitness and exercise portion of the program, Miss Gold draws up a list of exercises designed to increase a person's flexibility, develop muscle tone, improve heart and lung efficiency and relieve muscular stress.

In the weight and nutrition section, a simple-to-follow diet schedule controls the quantity of food and suggests fresh produce, skim milk, carbohydrates and others from Canada's Food Guide. In lifestyle counselling, Miss Gold attempts to learn something of the client's lifestyle and to adopt it to the program.

Usually only one session of 45 minutes to one hour is required but additional sessions can be arranged. Miss Gold also does follow-up checks with her clients.

At-home health and fitness consultants are new in Canada, although they have been operating in many American cities for some time, said Miss Gold.

Agriculture Canada photos

## Expo 86 to explore the world of transportation and communications



A "sea bus" will carry visitors to the second site.

Canada's gateway to the Pacific, Vancouver, will be the site of the 1986 International Exposition to be held from May 2 to October 13.

The theme of the exposition is "Man in Motion" and it will focus on how transportation and communications have and will influence the evolution of the world in sociological, economic and technological terms.

The 1986 International Exposition began as an initiative of the British Columbia government in late 1978 and, soon after, Canada and British Columbia made a formal bid to the 35-nation International Bureau of Expositions (B.I.E.) in Paris. The idea was to stage an exhibition in Vancouver in 1986 to celebrate that city's centennial and the hundredth anniversary of the arrival of the first passenger train to Canada's west terminus.

In November 1980, the B.I.E. recommended that 1986 be awarded to Canada for the purpose of hosting an exposition on transportation and communications. Expo 86 will be a "special category exposition" which will be on a smaller scale than the "universal" category expositions of Montreal and Osaka. It will be the first special category exposition devoted to transportation and communications to be held outside Europe. In the spring of 1981, the Canadian government extended official invitations to national governments to participate in the exposition. More than 40 countries, corporations, provinces, states, cities, trade and pro-

fessional associations from five continents are expected to participate in Expo 86 with pavilions, exhibitions and seminars.

In addition to the Canadian government, a total of 11 nations have announced that they will take part in Expo 86. They are: Britain, the United States, Indonesia, Saudi Arabia, Kuwait, Peru, Senegal, Kenya, St. Vincent, Dominica and Montserrat. The Ontario and Quebec governments have also said they will participate in the special exhibition.

Expo 86 will be an international meet-

ing place of minds and methods where scholars and scientists, educators and artists, technicians and inventors can explore the future together. An international exposition is also a forum for cultural exchanges, conferences and seminars. Of the 13 million expected to attend at least 300 000 will be key international professionals in the fields of transportation and communications.

### Cultural displays

The pavilions at the exposition are expected to capture the thrill of travel by land, sea and air. The cultures of many nations will be woven into their national exhibits in costume, music and movement. Governments and industries will demonstrate the marvels of modern technology and relate the problems of the past to the promises of the future. Expo 86 will feature more than 100 special events including air shows, car rallies, sporting contests, as well as the celebration of national days.

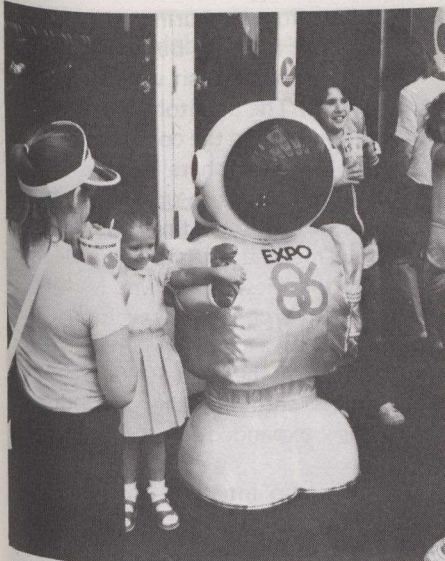
Home to more than a million people, Vancouver exemplifies its motto: "By Land, Sea and Air, We Prosper". The city is the largest port on the west coast of the Americas with its great harbour and the nearby Roberts Bank Superport crowded with passenger liners and cargo ships.

Equidistant from Europe and the Orient, Vancouver is served by seven domestic and international airlines offering direct flights across Canada to Europe, the Orient, Central and South America, the United States and the South Pacific.

The city is also the western terminus



The solid white lines indicate the False Creek and Burrard Inlet sites. The dotted lines trace the ferry and ALRT service.



Expo 86's robot mascot is a popular attraction at the International Energy Exposition being held until October 31 in Knoxville, Tennessee.

of Canada's two transcontinental railways as well as home base to the British Columbia Railway, the nation's third largest system. Major trucking companies, coastal tug and ferry systems are based within its boundaries. Its fishing and float-plane fleets are among the largest in the world.

Located just 48 kilometres from the Canada-United States border, Vancouver is within easy reach of other important west coast cities like Seattle, San Francisco and Los Angeles.

#### Waterfront sites

Expo 86 will be held on two sites totalling more than 50 hectares of waterfront property in the heart of Vancouver. The exposition will provide a new focus for Vancouver's modern transportation, tourist and entertainment facilities.

The sites, within walking distance of downtown shopping areas, theatre and business districts and historic Gastown and Chinatown, are to be linked by a new advanced light rapid transit (ALRT) system.

Bordered by a new 60 000-seat covered amphitheatre, the main site on False Creek lies across from the Granville Island farmers' market. Major new housing and commercial developments will be completed on the northern perimeter before 1986.

Burrard Inlet harbour, situated two kilometres from the main exposition site, is the auxiliary Expo 86 site where the Canadian pavilion is being built. The pavilion is being erected on the waterfront

along with a new National Harbours Board cruise ship facility in a combined \$134-million package. The site provides an ideal vantage point for rail and deep sea demonstrations. After the exposition the Canadian pavilion will be transformed into a trade and convention centre.

A new "sea-bus" already ferries people from Vancouver's north shore to the Burrard Inlet site and cruise ship passengers will disembark beside the pavilion. From there they can ride the quiet new ALRT to the main site in False Creek.

The ALRT will be the latest state-of-the-art in urban transportation with aluminum trains travelling a 21-kilometre route six metres above the city at 72 kilometres an hour. Designed by Ontario's Urban Transit Development Corporation and built by the British Columbia government with financial assistance from the federal government, the system is expected to be in operation by January 1.

#### Canadian claims in fishing dispute

Canada filed its first written arguments in the case involving the maritime boundary in the Gulf of Maine area with the Registrar of the International Court of Justice in The Hague on September 27.

The Gulf of Maine boundary case centres on a dispute between Canada and the United States as to the dividing line between respective continental shelves and 200-mile fishing zones on the Atlantic coast. Verbal proceedings in the case will be held in The Hague in late 1983 or early 1984.

In the document, called a "memorial", Canada claims almost half of Georges Bank, the rich fishing grounds and promising hydrocarbon area seaward of the Gulf of Maine, off the coasts of Nova Scotia and Massachusetts. The basic Canadian argument is that the equidistance line claimed by Canada represents an equitable solution that takes account of all relevant factors.

The United States also filed a memorial on the same day asserting a claim to the entire Bank.

By agreement between the two countries, their respective memorials and other written pleadings are not to be made public until the opening of oral proceedings. At least one further exchange of written pleadings (known as a "counter-memorial") will take place before that time.

The case will be heard by a special

five-member Chamber of the International Court of Justice comprising: the president of the Chamber Judge Roberto Ago of Italy; Judge André Gros of France; Judge Hermann Mosler of the Federal Republic of Germany; Judge Stephen Schwebel of the United States; and Judge *ad hoc* Maxwell Cohen of Canada. Canada's agent in the case is the legal adviser to the Department of External Affairs L.H. Legault; the US agent is the legal adviser to the State Department Davis Robinson.

#### Bus manufacturer has record year

Flyer Industries Limited of Winnipeg, a Manitoba bus manufacturer, has experienced record sales and profits during the past year and company officials expect the trend to continue in the future.

"We have just completed the best 12 months in our history," said company president Douglas McKay, "and I think Flyer has a bright future. Because of ultimate energy shortages, there will be a growing need for greater use of public transit and there is every reason to believe that Flyer can participate in the increasing demand for buses."

Flyer's profits in 1981 amounted to \$2.5 million, compared with a profit of \$936 106 in 1980 and a loss of \$4.5 million in 1979. Sales increased from \$41.6 million in 1980 to \$54.9 million in 1981.

#### More diesel buses produced

Flyer, which is owned by the Manitoba government, employs 570 people at three plants.

It produces some 400 diesel and trolley buses a year, turning out a model that seats 50 people and is 40 feet long. The company is the major manufacturer of trackless electric trolley buses in North America, but as only nine North American cities — including Toronto, Hamilton, Vancouver and Edmonton — currently operate trolleys, diesels make up most of Flyer's output.

According to Mr. McKay, Flyer's improved performance can be attributed partly to its new emphasis on quality, delivery and performance. The company paid no contract penalties in 1981.

"Most of our customers are civic transit systems that operate on funds furnished by taxpayers," Mr. McKay said. "This opens the door for possible

political controversy if the buses are the subject of public complaints. So apart from providing a good reliable vehicle, we must also ensure that our service is first class."

### Competes for markets

Flyer vies for the North American market with nine competitors, four or five of which bid on every contract for civic

transit buses. In recent years the company has received many orders from Vancouver, Calgary, Toronto, Boston, Anchorage, Seattle and Syracuse, New York.

The company was founded in 1930 as Western Auto and Truck Body Works. It was a small company until the Second World War, when it received a major federal contract to build trucks for Can-

ada's armed forces. During the 1950s, it manufactured highway buses and in 1968 moved into urban transit vehicles, now its sole product. The Manitoba Development Corporation bought the company in 1971.

Currently researchers are developing trolley buses that store up kinetic energy and operate without lines. This would ultimately make the trolley a viable alternative to the diesel, said Mr. McKay. In addition research and development is under way on a new bus which will be introduced in the mid-1980s, and the company is studying the possibility of producing expanded-length articulated buses.

Flyer is also interested in developing offshore and Third World markets; one of its buses is now being tested in Peru.

### Bush aircraft featured on autumn stamp issue

Canada Post has issued the last four stamps in its Canadian aircraft series, featuring bush planes.

"The bush aircraft hastened the development of the remote areas of our country and added a distinctive Canadian touch to world aviation," said André Ouellet, Minister responsible for Canada Post Corporation in announcing the stamps.

The two 30-cent postage stamps feature the Fairchild *FC-2W1* and the de Havilland Canada *Beaver*, and the 60-cent stamp shows the Fokker *Super Universal* and the Noorduyn *Norseman*.

Although the Fairchild *FC-2W1* was not built in Canada, several of them gained fame in Canada by flying the first airmail run to Sept-Îles and dropping the mail by parachute. In 1928 the aircraft helped in the rescue of some German flyers stranded in the Strait of Belle Isle.

The de Havilland Canada *Beaver* was designed shortly after the Second World War and first flew in 1947. Almost 1 700 of the aircraft were built in Canada and were sold to Canadian customers as well as to foreign customers in more than 60 countries.

Canadian Vickers Limited of Montreal built 15 Fokker *Super Universals*. The aircraft was known for its durability. For example, after having been abandoned in a 1929 Arctic expedition and recovered 11 months later, one plane started with little trouble. In another instance, a *Super Universal* that had sunk in the Burnside River flew perfectly when salvaged.

The Noorduyn *Norseman* went into production in Montreal and was the work of Robert Noorduyn, an expatriate Dutchman who arrived in Canada in 1934. A notable feature of the single-engined monoplane was its ability to take off and land in a relatively short distance carrying a heavy cargo.

The bush aircraft stamps were designed by Robert Bradford and Jacques Charette of Ottawa. The aircraft depicted



on the stamps are as follows: Roméo Vachon's *FC-2W1* delivering mail; the prototype *Beaver*, now in the National Aeronautical Collection; the *Norseman* as a Saskatchewan air ambulance; and "Punch" Dickins' *Super Universal* G-CASK.

### Mini-reactors could heat buildings

Large businesses, hospitals and schools in remote northern communities may soon stoke their furnaces with uranium, reports the *Canadian Press*.

Dr. John Hilborn, a nuclear physicist with Atomic Energy of Canada Limited, said research being conducted by his staff at the Chalk River Nuclear Laboratories is showing that a small nuclear reactor could safely replace, or be combined with, the diesel generators now producing electricity in communities cut off from power lines.

Dr. Hilborn said that a prototype will be ready in about one year.

The units will not bear much resemblance to the large nuclear power stations. Instead, they can be housed in a basement or a structure adjacent to the building being heated.

Dr. Hilborn said nuclear furnaces are no more difficult to operate than conventional diesel generating stations. And they only require refuelling every five years, with adjustments once a month.

Several Canadian universities have used a slightly different version for experiments for nearly 12 years, he said.

The fuel for the furnace is a bundle of enriched uranium rods about the size of a wastebasket, which is suspended in water. In combination with the water, the uranium undergoes fission and the splitting of atoms produces heat.

The water surrounding the reactor is heated to the boiling point and this heat is, in turn, conducted to another water system fully separated from the reactor.

Hot water from this second water system is then piped to the building.

# News of the arts

## Exhibition celebrates centennial of leading Canadian painter

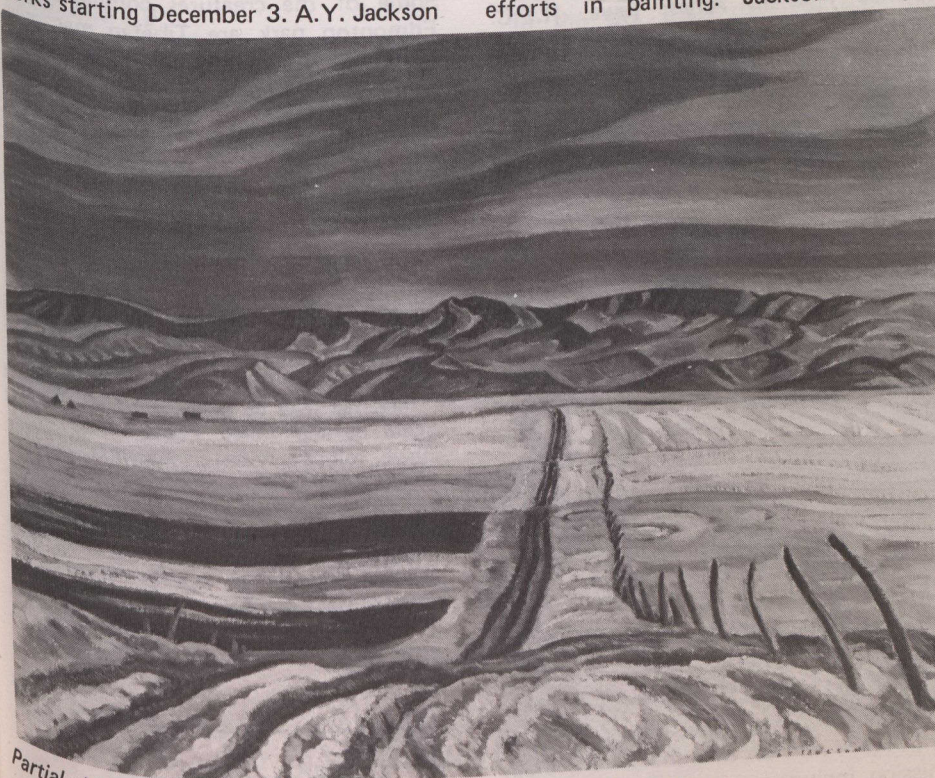


Partial view of *Sunlit Tapestry* 1939 by A. Y. Jackson.

The National Gallery of Canada in Ottawa will commemorate the one-hundredth birthday of one of the key figures in Canadian art, Alexander Young Jackson.

In celebration of the artist's birth, the gallery will mount an exhibition of his works starting December 3. A.Y. Jackson

was born October 3, 1882 and died in 1974. He was a prolific war artist, a prominent member of the Group of Seven and a dedicated painter of Canadian landscapes. He tutored Tom Thomson, another Group of Seven painter, in his early efforts in painting. Jackson brought



Partial view of *Blood Indian Reserve, Alberta* 1937 by A. Y. Jackson.

maturity and experience to bear upon the work of the Group of Seven and devoted his life to sketching Canada's geographical highlights.

The exhibition honouring Jackson is being organized by curator of Canadian art Charles Hill who has selected 143 works of art from the collections of the National Gallery and Canadian War Museum. Highlighted by quotations from letters, reviews and manifestos issued by Jackson, the exhibition will provide new insights into the artist's views on the evolution of his career and the Group of Seven's fight for a genuine Canadian art.

### Gallery support

The A.Y. Jackson exhibition celebrates 70 years of National Gallery commitment to the work of the Montreal-born artist. The gallery began collecting A.Y. Jackson works as early as 1913 and now has a collection of 517 works by the artist, comprising one etching, 94 paintings and 422 drawings. The assistance provided by the National Gallery of Canada to A.Y. Jackson and the Group of Seven enabled the emerging artists to pursue their chosen path.

In the 1920s, under the leadership of its first full-time director, Eric Brown, the National Gallery became the greatest proponent of the group and of new trends in Canadian painting. The gallery's inclusion of a Jackson painting in England's 1924 Wembley exhibition — which was later bought by the Tate Gallery in London — confirmed the national importance of Jackson's work. The artist's close relationship with the National Gallery continued under the directorship of Harry McCurry, the gallery's director until 1955.

### Arts briefs

**The Music's on Us**, the National Arts Centres summer-long series of free daily lunch-time concerts was presented for the second year in a row on the NAC terraces. This series of popular musical artists and groups started with the Canadian Armed Forces Centre Band and closed with The Shooz Play the Beatles on September 5.

The Canada Council announced recently that grants totalling \$314 574 have been awarded to 30 young singers and instrumentalists in the field of serious music. The awards, are worth up to \$11 600 each, plus travel allowance if necessary and may be used in Canada or abroad.

Art Gallery of Ontario

News briefs

Prince Edward Island Premier James Lee led his Progressive Conservatives back into office in an election held September 27 in which his party took 22 of the Legislature's 32 seats. The results represented a gain of one seat for the Progressive Conservatives over standings at dissolution, while the popular vote was virtually the same as in the 1979 election — the Conservatives capturing 53 per cent, the Liberals, 45 and the New Democratic Party 1 per cent.

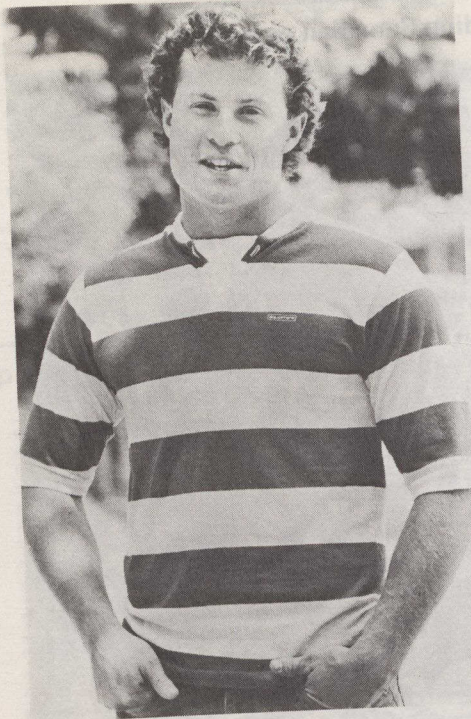
Three organizations have received federal grants in recognition of their contribution to energy conservation and the use of renewable energy. The Solar Energy Society of Canada of Winnipeg received \$10 000, while the Biomass Energy Institute, also of Winnipeg, and the Brace Research Institute of Sainte-Anne-de-Bellevue, Quebec, were given \$5 000 each.

The Export Development Corporation and the Bank of Nova Scotia have signed a \$2.85-million (US) loan agreement to support a sale by General Motors Market Development of Canada Limited, to Peru. The \$3.16-million (Cdn) sale involves the supply of two locomotives and related spare parts to Empresa Nacional de Ferrocarriles S.A. (Enafer S.A.) of Peru. The locomotives will be manufactured at General Motors' diesel division at London, Ontario.

The federal and Ontario governments have signed an agreement under the new National Training Act which will ensure skills training programs meet Ontario's needs for at least the next three years. It is the first agreement signed under the Act that was proclaimed on August 2. The agreement will ensure that Canadians are trained for occupations in demand and not for those that have a labour surplus.

Turbo Resources Limited has officially opened a new \$200-million refinery. The refinery, located five kilometres north of Calgary, marked Turbo's re-entry into the petroleum refining field. The 30 000-barrel-a-day plant is the only major crude oil refining complex to operate in southern Alberta.

Philippe Kirsch, deputy director of the economic law and treaty division of the Department of External Affairs, has been elected chairman of the United Nations General Assembly's legal committee, which acts as a legal drafting arm for the world organization.



Eric Frycer, a 21-year-old Toronto man, is playing the role of Terry Fox in a movie being produced by Robert Cooper of Toronto. The film will depict the "Marathon of Hope" run by Fox to raise money for cancer research, Frycer, like Fox, lost a leg due to cancer.

Three Canadian scientists were honoured recently at the annual meeting of the American Society for Horticultural Science held in Ames, Iowa. R.E.C. Layne, C.S. Tan and J.M. Fulton of Agriculture Canada's Harrow, Ontario research station received the Carrol R. Miller Award for excellence in research relating to the improved production and use of peaches. It was the fourth time since 1977 that members of the Harrow tree-fruit research team have won the award.

Minister of State for Mines Judy Erola has announced details of a five-year federal research program to study the potential long-term effects of uranium mine and mill wastes. The \$9.5-million program, aimed at speeding development of technology to reduce harmful effects of waste materials from uranium mining and milling, stems from the recommendations of the National Technical Planning Group on Uranium Tailings Research. The group's report follows a year-long review of uranium tailings management in Canada.

Eleven Ontario firms recently participated in an Ontario Ministry of Industry and Trade mission to Cuba. The five-day mission included meetings with central-

ized purchasers in Havana. Talks with product end-users were also planned. In 1981 Ontario exported \$72.6-million worth of goods and services to Cuba, while Ontario imported \$33.6-million worth from Cuba during the same period.

Participants from more than 25 developing countries recently attended a two-week United Nations mineral exploration drilling workshop held at Laurentian University, Sudbury, Ontario and sponsored by the Department of Energy, Mines and Resources. In addition to technical sessions, featuring world experts on drilling, a number of field trips took participants to various drilling sites in the Sudbury area, as well as to Ontario plants manufacturing drilling equipment in North Bay, Orillia and Toronto.

CP photolaser

Bristol Aerospace Limited of Winnipeg has received a \$5.29-million (Cdn) contract from the National Aeronautics and Space Administration, at Goddard Space Flight Center, Greenbelt, Maryland, for the supply of 43 Black Brant Propulsion Systems and Subsystems. Bristol Aerospace Limited, a world leader in the field of high altitude research rockets and research rocket telemetry, obtained the contract through the Canadian Commercial Corporation in competition with US firms.

Alberta's Polar Park and the People's Republic of China have agreed to exchange certain species of wild animals. Some of the creatures coming to the Edmonton park are Tibetan macaques, heavily furred monkeys; Manchurian cranes; Mongolian desert cats; desert cats, desert foxes and Tibetan wild asses. The Canadian park will send to China animals such as white rhinoceros, white elk, muskox, polar bears, barasingha deer and Afghan markhor goats.

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