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Canada welcomes US offer to carry Canadians on space shuttle



(From left to right): Minister of State for Science and Technology (now Minister of the Environment) John Roberts, Minister of Communications Francis Fox and Minister of State for Mines Judy Erola at the inauguration of Anik-D1.

Canada has announced support for a plan to send Canadians into space under the US National Aeronautics and Space Administration (NASA) space shuttle program.

The announcement was made jointly by Communications Minister Francis Fox, Minister of State for Science and Technology (now Minister of Environment) John Roberts, Minister of National Defence Gilles Lamontagne, and Minister of State for Mines Judy Erola, during a special celebration at the David Florida Laboratory of the Communications Research Centre marking the twentieth anniversary of the launch of Canada's first satellite, *Alouette 1*.

The ceremony also marked the formal inauguration of service by *Anik-D1*, the first satellite for which a Canadian company was the prime contractor. *Anik-D1*, built by Spar Aerospace Limited and launched by Telesat Canada August 26,

1982, was officially placed in operation by Mr. Fox and John Almond, vice-president of Telesat Canada.

Hosted in Canada

The twentieth anniversary of Canada-in-space celebration, hosted by Mr. Fox, was attended by pioneers of the *Alouette* program, leading figures from Canada's space industry, members of Cabinet, and General James Abrahamson, associate administrator of NASA, who announced guidelines for the participation of Canadian personnel aboard the space shuttle.

Responding to General Abrahamson's announcement, Mr. Roberts said: "On behalf of Canadians, I welcome this exciting challenge to expand our space interests and knowledge. The government of Canada is now considering the details for the selection and training of Canadians to fly on the shuttle."



Poster for Canadian arts festival in West Berlin (see Page 7).



External Affairs
Canada

Affaires extérieures
Canada

Mr. Fox noted the long history of close co-operation and friendship between the government of Canada and NASA that began with the design and launch of *Alouette* from California in September 1962 and continues today with projects such as the CANADARM. "It is particularly significant that the first commercial satellite payload carried aboard by the space shuttle this November will include Telesat Canada's *Anik-C3* communications satellite," Mr. Fox said.

Pointing to the vital role space technology has come to play in broadcasting, communications, search and rescue, surveillance, defence and remote sensing, Mr. Fox paid special tribute to the Canadian men and women whose foresight carried Canada into the space age with *Alouette* 20 years ago.

Alouette the leader

"*Alouette* changed this country's perception of the world around us and our place in the world," Mr. Fox said. "It expanded our horizons and our confidence in ourselves. For our young people in particular, it was a sign of great promise. At a time when we were beginning to realize the serious implications of a growing brain drain, *Alouette* showed young Canadians that it was possible to pursue a career in this country at the leading edge of scientific research and applied technology."

Today, Canada is one of the few nations capable of supplying complete commercial communications satellites

systems to the world market, Mr. Fox said. He noted the recent announcement that the government of Brazil intends to buy two satellites and related support systems and services from Canadian companies. "This project would be worth nearly \$160 million over three years and create some 2 850 person-years of employment in Canada," the minister said.

Mr. Lamontagne noted that *Alouette* was developed by a team of experts at the Defence Research Telecommunications Establishment (now the Communications Research Centre). "This was a major milestone in Canada's space program, and with it, Canada became the third country in the world to design and manufacture a satellite.

"Since then, there have been many space programs in which National Defence has been involved and has played a leading role. These include experimental and developmental activity by our defence scientists here at Shirley Bay on communications, space-borne imaging radars, and satellite-aided navigation. All of them have involved co-operation with other countries."

International co-operation

The most recent example of successful co-operation, Mr. Lamontagne said, was the COSPAS-SARSAT search and rescue project which, in September, helped save the lives of three Canadians whose light aircraft crashed in British Columbia. The COSPAS-SARSAT project involves co-

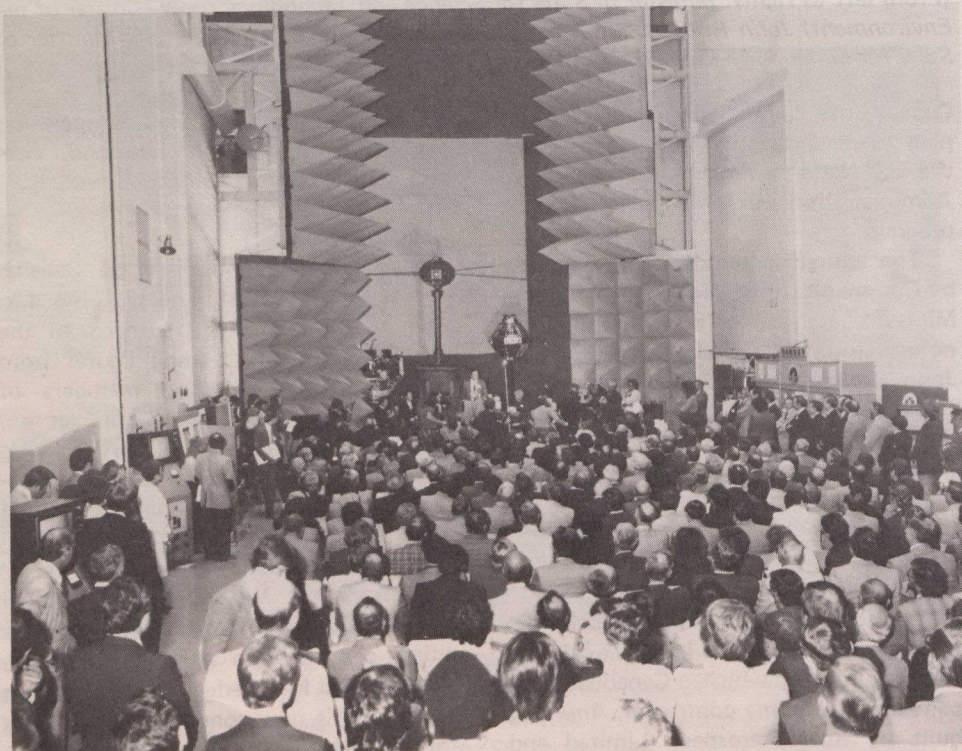


American General James Abrahamson announces guidelines for Canadian personnel aboard shuttle.

operation among Canada, the US, France, the USSR and several other countries. Canadian technology and equipment plays an important part in the international search and rescue network, the minister said.

Mrs. Erola described the important economic benefits arising from the Canadian space industry through new remote sensing techniques. "With the combined efforts of government and industry, and with co-operation from other countries, Canadians are receiving and using information about the country's landmass that was not only unavailable but unheard of just a few years ago," Mrs. Erola said. "Remotely sensed imagery can be used to monitor agricultural crops for more effective marketing and improved productivity. It can give geologists new clues in the search for minerals, and help foresters protect and regenerate our timberlands. It is providing northern mariners with accurate information on the location and extent of dangerous ice-fields."

To commemorate the anniversary of the launch of *Alouette*, the Department of Communications have announced publication of *Spacebound*, a 188-page book on the history of the Canadian space program written by Theodore R. Hartz and Irvine Paghis. The department has also assembled a special multi-media exhibit on Canada in Space, which will tour several Canadian cities.



Guests at the celebration marking the twentieth anniversary of the launch of Alouette 1.

Department of Communications photos

Disarmament Week activities reflect concern for world security

Deputy Prime Minister and Secretary of State for External Affairs Allan MacEachen issued the following statement on the occasion of Disarmament Week, October 24-30:

"Disarmament Week is observed in many ways throughout the world. I am pleased that in Canada activities coast-to-coast, organized by community groups, non-governmental organizations and individuals, will not only reflect the growing concern of many Canadians about the arms race but also help to underline the vital role which arms control and disarmament negotiations play in promoting the more secure world we all desire.

"A year ago there were no negotiations on nuclear weapons. Since then, the United States and the Soviet Union have begun negotiations on intermediate range

nuclear forces and have resumed the process of talks on strategic arms. The emphasis not just on limitations but on reductions is one Canada welcomes, recognizing the complexities involved in arriving at balanced and verifiable agreements. In the case of another category of weapons of special interest to Canada — chemical weapons — the prospects for progress toward a ban in the Committee on Disarmament in Geneva are greater today than they were a year ago. Also, recent proposals at the nine-year old talks in Vienna on reducing conventional forces in Europe hold out the possibility of progress toward agreement.

Expanded activity

"The past year has seen greatly increased activity in the deliberative bodies

at the United Nations, particularly in the First Committee of the General Assembly and the second Special Session on Disarmament. Canada could not but share the disappointment of other countries that its ambitious agenda could not be realized. Yet the Special Session did focus the attention of many world leaders on arms control and disarmament issues. Equally important, it led to greater public discussion and understanding of the issues involved, of what has been accomplished in the past and of how much remains to be done. Prior to and during the Special Session, Canada devoted particular efforts to the promotion of public awareness. For example, the extensive hearings on security and disarmament in the House of Commons Standing Committee on External Affairs and National Defence led to a report which will be a valuable continuing reference, a record of a wide spectrum of Canadian views.

"To expand research and public information activities, the Disarmament Fund of the Department of External Affairs has been increased specifically to assist research and teaching facilities in Canada. In addition, funds have been allocated to enable Canada to become a member of the international seismic data exchange which will form part of the international verification provisions of a comprehensive nuclear test ban treaty. Canada will also substantially increase research in verification utilizing expertise available inside and outside of government.

"Disarmament Week, initiated in 1978 by the United Nations, underlines the challenge facing governments and non-governmental organizations; the promotion of greater public awareness and understanding of the importance of negotiating verifiable arms control and disarmament agreements."

New Ambassador for Disarmament

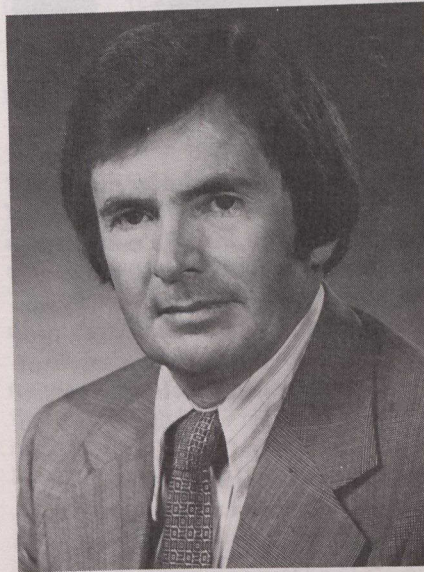
J. Alan Beesley, Q.C. has been appointed Canada's Ambassador for Disarmament, replacing Arthur Menzies who has retired.

The establishment of the position, announced in the speech from the Throne two years ago, reflects the importance the government attaches to international efforts to negotiate verifiable agreements on arms control and disarmament. Mr. Beesley will represent Canada at certain international meetings concerned with arms control and disarmament including the First Committee of the United Nations General Assembly and the UN Disarmament Commission. He will also be the liaison for Canadian non-government organizations and individuals outside government interested in arms control and disarmament. In this capacity he will undertake speaking engagements across Canada to explain Canadian positions on arms control and disarmament and the work of international forums in which he represents Canada.

Mr. Beesley, who joined the Department of External Affairs in 1956, has served in Tel Aviv and Geneva, and as Ambassador to Austria, and concurrently as Permanent Representative to the International Atomic Energy Agency (IAEA) and to the United Nations Industrial Development Organization (UNIDO), from 1973-76. He was High Commissioner to Australia,

lia, with concurrent accreditation to Papua New Guinea, Solomon Islands and Vanuatu, from 1977-80.

In Ottawa Mr. Beesley has served as Assistant Under-Secretary and twice as the Department of External Affairs legal adviser. In 1973, in conjunction with his other duties, Mr. Beesley was appointed special adviser to the Secretary of State for External Affairs on the law of the sea as well as deputy head of Canada's law of the sea delegation. Since 1980 he has been Ambassador to the Law of the Sea Conference in New York and he will continue to represent Canada at this conference until the signing ceremony in December 1982.



J. Alan Beesley

Michael Bedford photography

Canada-US jetfoil service

A twice-daily jetfoil service between Victoria, British Columbia and Seattle, Washington is scheduled to begin in early April 1983.

The \$8.75-million project is being planned by Island Jetfoil Investments, which is now looking for investors.

The jetfoil, a 27.4-metre craft made in Seattle by Boeing, is "light years ahead of anything else", said Island Jetfoil Investments President Stewart Vinnels. It will be able to transport as many as 300 people on the 72-nautical-mile journey in one hour and 55 minutes. A one-way fare will cost \$45.

New programs to stimulate employment, housing and railways

In an economic statement to the House of Commons on October 27, Finance Minister Marc Lalonde announced a program to help the unemployed, stimulate the housing industry and spur the development of the railway system in western Canada.

The \$1.1-billion job-creation program will be financed by the reallocation of existing expenditures for energy, defence and foreign aid in 1982-83 and the next two fiscal years. "Consequently, they will not add to the deficit over the current and coming two fiscal years," said Mr. Lalonde.

Aid for the jobless

In a new employment expansion and development program, the government will allocate \$500 million over the next 18 months to help those who face severe financial difficulty owing to prolonged unemployment. It is expected to provide jobs for some 60 000 individuals over the period.

"The duration and depth of the recession have led to a significant increase in the number of people who will no longer have access to unemployment insurance benefits. Lacking employment and other sources of income, many people will be forced to seek social assistance," said Mr. Lalonde.

Through the new program the federal government will approach all employers in the public, non-profit or private sectors in Canada to generate employment. Final details are expected to be announced soon by the Minister of Employment and Immigration.

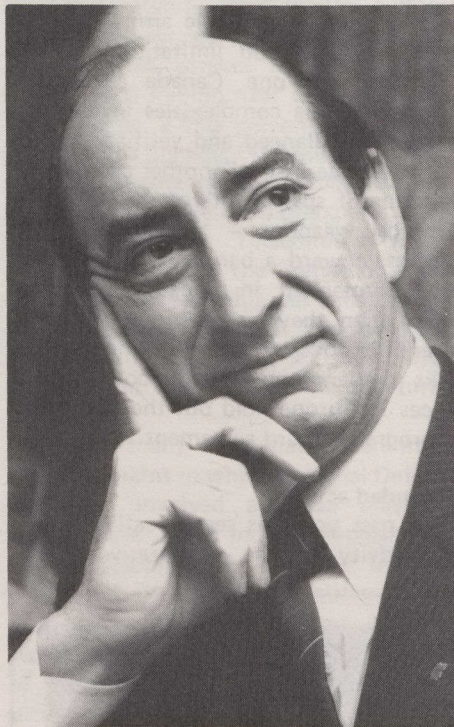
Housing

In the housing sector, an additional \$150 million has been allocated to two existing construction programs: the Canadian home renovation plan and the Canadian homeownership stimulation plan.

An additional \$50 million has been allocated to the Canadian home renovation plan, whereby eligible homeowners are able to receive grants equivalent to one third of the costs of repairs up to a maximum of \$3 000. Some \$65 million has already been committed for homeowners under this plan to the end of 1982.

The further allocation in this plan is expected to provide some 13 000 more jobs in the construction industry.

Under the home ownership stimulation plan, \$3 000 grants will be made



Finance Minister Marc Lalonde

available to purchasers of new homes on which construction will begin between January 1 and April 30. The cost of this program is expected to be \$100 million.

The home ownership plan, which was introduced in the June 1982 budget, provided for \$3 000 grants to purchasers of new houses on which construction started before December 31, 1982 and to first-time buyers of an existing house before that date. Some 65 000 grant applications have been approved to date.

"Starting on January 1, 1983 assistance will be extended to purchasers of new housing only, to generate the maximum amount of activity and employment," said Mr. Lalonde.

Railway expansion

The federal government will also spend an additional amount of up to \$400 million to expand and modernize western rail capacity.

The expansion, said Mr. Lalonde "is critical" to Canada's economic development in the 1980s. It will pave the way for the exploitation of additional coal, potash and sulphur resources as well as increased exports of grain. "The over-all plan will also stimulate western agricultural development and facilitate economic diversification," he added.

Railway investments amounting to some \$11.8 billion are planned over the

period to 1991 and are expected to generate substantial economic activity across the country. Mr. Lalonde pointed out that "in addition to major construction activity and sourcing of materials in the western provinces, the railways' requirements for steel rail, locomotives, rolling stock and electronic equipment will provide major stimulus over the period to the manufacturing sector".

The direct railway expenditures are expected to generate some 400 000 jobs.

While the petroleum incentives program will be maintained, some \$660 million will come from other programs in the energy sector for the new measures. In addition, the outlays in the areas of defence and official development assistance will be reduced by \$230 million and \$245 million respectively from previous allocations.

Mr. Lalonde pointed out that the reductions had been made possible by lower rates of inflation and the gross national product growth. They would "take place without prejudice to our ability to maintain our commitment to 3 per cent real annual growth in defence expenditures, or to achieve our aid commitment level of .5 per cent of GNP by 1985-86", he added.

Unemployment insurance premiums up

Owing to the increased demand for unemployment insurance, Mr. Lalonde also announced that maximum weekly unemployment insurance premiums would rise 53 per cent in 1983 to \$8.86 from \$5.78 this year. The maximum benefits for the unemployed will rise 10 per cent to \$231 a week from \$210.

Other measures announced in the economic statement are:

- the June budget proposal to subsidize mortgage rates by 3 to 6 percentage points, as well as loans to farmers, fishermen and small businessmen, will be dropped owing to dropping interest rates;
- the small business development bond program has been extended one year to December 31, 1983;

- investors in common stock of public companies will be required to pay tax only on the portion of their capital gain above the inflation rate; and

- the government will drop plans from the November 1981 budget to tax employer contributions to private health and dental plans.

Mr. Lalonde also noted that the federal deficit for the 1982-83 fiscal year, which ends March 31, is now expected to be \$23.6 billion, \$4 billion more than the \$19.6 billion forecast four months ago.

Training for Chinese physicians

The University of Toronto and Sichuan Medical College in Chengdu, China have signed a co-operation agreement whereby the university will help train physicians in China.

Funds for the \$2.4-million program are being contributed by the University of Toronto (\$1.3 million), the Canadian International Development Agency (\$710 000) and the Sichuan Medical College (\$350 000).

Specific objectives of the five-year program include upgrading in the areas of science teaching, training in basic clinical science, training in pharmacy and dentistry and the development of a medical resource library at the Sichuan Medical College.

The University of Toronto will send professors and associate professors to Sichuan to lecture for periods ranging from six weeks to three months. In addition, teachers of English as a second language will visit China to help improve English teaching for Sichuan medical staff and students. Sichuan Medical College faculty and recent graduates will go to Toronto for advanced training.

Funds for natural gas in Quebec

The federal government is implementing its commitment to provide up to \$500 million to finance the construction of natural gas pipeline laterals in Quebec, announced Energy Minister Jean Chrétien on October 27.

The agreement, signed the same day, by Mr. Chrétien and President of Gaz Inter-Cité Québec Inc. (GICQ) Gilles Barbeau, means that new markets in various regions of Quebec will open up for natural gas produced in western Canada. The program strengthens the government of Canada's efforts to reduce Quebec's reliance on imported oil and thus increases security of energy supply for consumers. Reduced oil imports will lower the compensation paid to oil importers in Quebec.

The two main lateral systems, in the Eastern Townships and in the Lac-Saint-Jean region, will result in the consumption of approximately 500 million cubic metres of natural gas *per* year in the Eastern Townships and more than 1 billion cubic metres of gas *per* year in the area not yet served in the St. Maurice River region and in the Saguenay-Lac-Saint-Jean region. The first system, in the Eastern Townships, will result in payments of

\$160 million and will serve a population of 235 000. The second system will cost about \$250 million and will serve a population of 220 000.

"This major contribution by the federal government to the Quebec economy will provide a twofold benefit," said Mr. Chrétien. "A large number of Quebec consumers will for the first time have access to natural gas, an abundant Canadian source of energy. Furthermore, this will benefit the distributor and stimulate a wide range of industrial activities.

Firm receives acclaim for new audio equipment

A Canadian company has had the distinction of having its turntable rated "the best in the world" by an international trade magazine.

The "Oracle" designed and manufactured by Trans-Audio, a young Quebec company, received the praise recently from the *International Audio Review* making it the first time the magazine has rated a turntable "the best in the world".

Although it has been on the market for only a little more than two years, the "Oracle" is now sold in about 25 countries, mainly in the United States, but also in more than 14 European countries and across Asia, particularly in Japan. The company exports about 70 per cent of its products.

Trans-Audio's turntable has earned a number of other distinctions, including first prize for design at the Salon International de Milan (1981), "Special Recognition Award" by the American

In the current economic situation, GICQ would not have been able to undertake such a project on its own. Quebec would thus have missed out on the economic spin-offs and jobs that will result from a project of this magnitude. The laterals are estimated to create 7 000 person-years of employment."

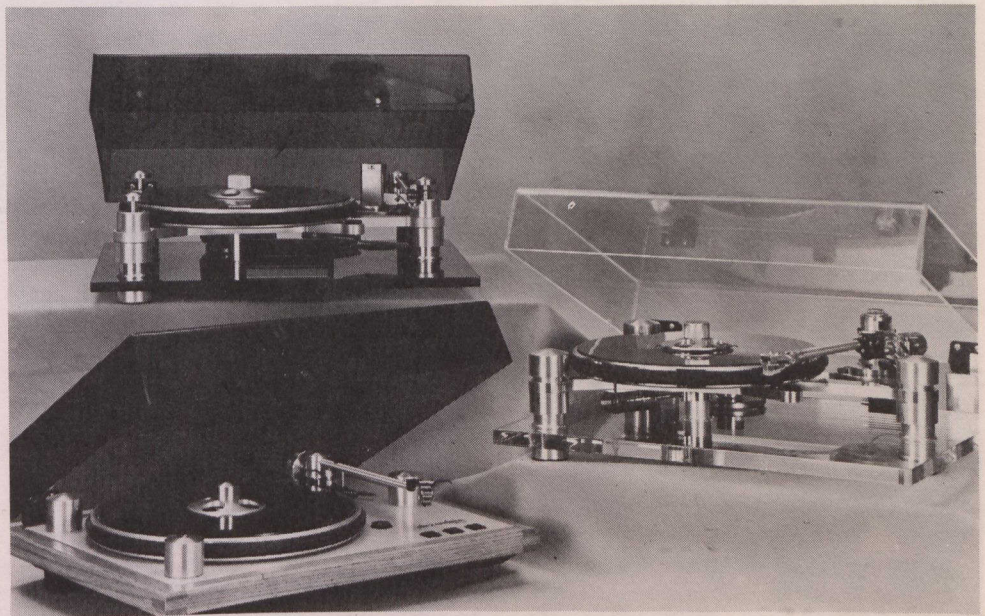
The minister also pointed out that the agreement was intended to be rigorously anti-inflationary. Thus, GICQ will have to pay any costs above those specified in its agreement with the government.

magazine *AudioVideo* (September 1981), honourable mention at the Design and Engineering Exhibition in Chicago. It has also been displayed on the covers of audio magazines in Canada, the United States, Germany and Britain and received the "Design Canada" award of excellence (1982).

The firm, located in Sherbrooke, produces approximately 2 000 "Oracle" turntables a year.

The company is also preparing to launch two new turntable models this fall which will enable them to reach a more diversified clientele.

The "Alexandria", a popular low-cost model, is one of the new models built with moulded parts, thereby reducing its production cost. The "Studio" model is a luxury turntable model, which is completely hand-made, with individually-crafted parts and more advanced electronic controls.



Until now, the turntable market has been generally dominated by "traditional" specialists such as the English and the Germans.

"High-efficiency" condensing-flue oil furnaces

Eneroil Research Company Limited of Toronto has developed a "high-efficiency" condensing-flue oil furnace that is expected to be on sale in Canada by the summer of 1983.

Furnaces equipped with the device, a "condensing-flue heat exchanger", are currently being tested by the Canadian Standards Association (CSA) in Toronto, and Esso Home Comfort has been granted Canadian marketing rights.

At the same time the new furnaces are available, Esso hopes to have a "retrofit" kit which would enable owners of existing oil furnaces to increase their efficiency by up to 50 per cent.

The cost of the new furnace installed is expected to be about \$3 000 while the retrofit would be about \$1 000. The unit is designed to boost the seasonal effi-

ciency of a conventional oil furnace to 90 per cent from the usual 60 per cent, cutting the average oil bill accordingly.

Gases and wastes cleaned

The condensing-flue oil furnace uses a "scrubber" to clean gases and other wastes produced by burning oil. The scrubber uses a fine water spray to dilute the acidic wastes, using two thirds of a gallon of water for every gallon of oil burned.

The condensing-flue principle was first applied to gas furnaces, making possible the new high-efficiency units that have come on the market in the past two years. These "high-efficiency" furnaces require less fuel because they do not send heat up the chimney like conventional furnaces. Instead, the condensing flue

captures exhaust heat and keeps it inside the home. No chimney is required, although a duct does vent the furnace outside the building.

Retrofit modifications are not permitted to gas furnaces under Ontario provincial regulations, primarily because of concern for the safety of modifying natural-gas appliances. However, oil retrofits — such as installation of retention-head burners and chimney dampers — are permitted, opening the door for approval of add-on condensing flues.

Market Planning Manager for Esso Home Comfort John Beatty said his company wants to be sure the Eneroil unit is as reliable and as efficient as claimed before putting it on the market. Esso's main concern is that the scrubber unit will become clogged by minute contaminants in household water supplies, even though the unit is protected by water filters. If the scrubber does not dilute wastes sufficiently, their acidity would corrode and ruin the unit.

Eneroil President Robert Smith said the condensing-flue unit worked well in his company's own tests, and he is confident it will meet all requirements.

Major facelift for Ottawa's Rideau Canal

Three of the locks in the Ottawa section of the Rideau Canal are in the process of being thoroughly reconstructed as work crews shore up the walls of the locks.

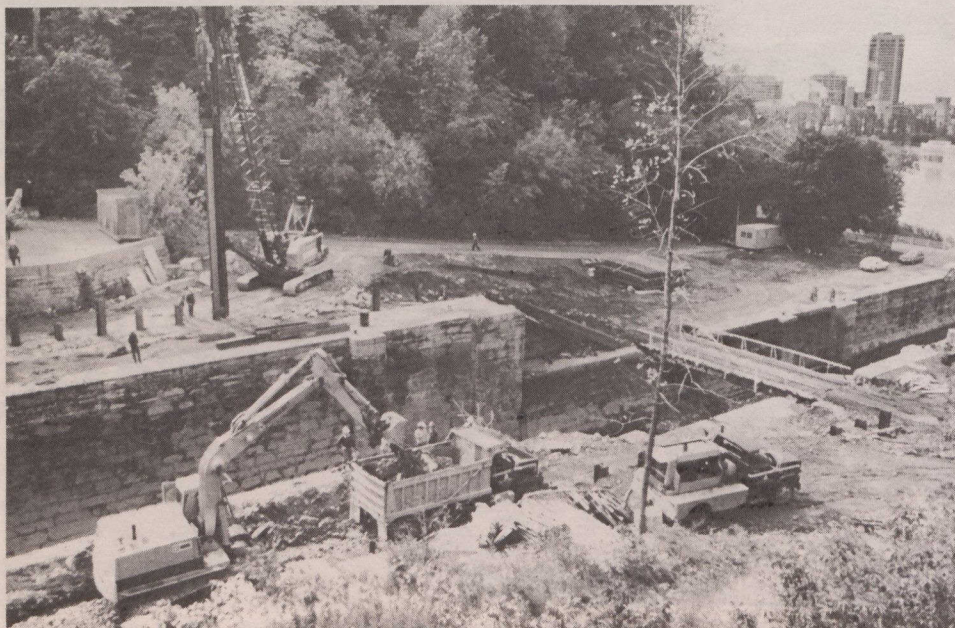
The \$8-million renovation project to the canal near the Ottawa River is expected to be finished by June 1984, with only the eight locks just north of the National Arts Centre in the city closed to boaters next summer. All other sections will remain open in 1983.

During the work, the original limestone blocks will be removed, cleaned, repaired and if possible put back in place.

It is expected that some of the blocks will have to be replaced.

Two of the three locks under construction have never been repaired in the 150 years since the canal opened, and the third lock has not been worked on since the 1920s. Canal supervisor John Bonser said that the other five locks in the area would not require repairs for a number of years.

Although 1 006 boats used the Ottawa locks last year, canal officials hope the work will cause only minor inconveniences to area boaters next summer.



Crews work on reconstructing the Rideau Canal locks.

Women in electronics

An Ottawa group formed last spring to support women working in the electronics industry is getting into full swing with the start of its fall program.

The group was founded by Eva Silverman, a manufacturing representative for Gidden Morton Associates, after visiting the United States where a similar group has been running successfully for several years.

Ms. Silverman and a volunteer steering committee of ten women working in the electronics industry put out a newsletter and run monthly workshops and information sessions.

Included in the initial session this September was a film on office automation presented by Catherine Bradform from the Micom Company and a presentation by Paul Hebert of Officesmiths Incorporated on how to convert paperwork into a software system.

Although the Women in Electronics group was formed primarily for women already in the field, many of the women who attended the first meeting were considering electronics as a career and wanted to learn more about the industry. Depending on participation, the group hopes to hold more in-depth workshops and organize activities such as tours.

Canadian arts presentation scheduled for West Berlin

A major multidisciplinary presentation of Canadian arts will be hosted in Germany by one of Europe's most influential cultural institutions, the Akademie der Künste (Academy of Fine Arts) in West Berlin during December 1982 and January 1983.

The program which is being organized and co-ordinated jointly by the Canada Council and the Department of External Affairs in Canada was determined in consultation with officials at the Akademie der Künste and is expected to cost more than \$1 million. It is the most ambitious undertaking of its kind ever mounted abroad by the Canadian Department of External Affairs and includes a general information exhibit on Canada, a panorama of Canadian architecture, exhibitions of

main lobby. Other exhibits and activities will be held in numerous other centres across West Berlin.

The exhibition of Canadian architecture comprises photographs, plans and drawings of projects since 1950 ranging from Toronto's City Hall and Montreal's Place des Arts to suburban housing.

The Ontario Art Gallery's curator of historical Canadian art Dennis Reid has organized the exhibit of Canadian paintings, which contains 110 works by 11 artists including nineteenth century artists: Paul Kane, Joseph Légaré and Lucius O'Brien and twentieth century artists: Tom Thomson, Emily Carr, Paul-Emile Borduas and Jack Bush.

Max Dean of Ottawa, Betty Goodwin of Montreal and John Massey of Toronto were chosen to represent the diversity and complexity of modern Canadian art and each is creating a new work for the exhibition of contemporary art.

Forty to 50 experimental films are being chosen to be shown at Berlin's Videoteque, in addition to documentary, animated, children's and other films to be shown in the exhibit. Works of 34 video artists have been selected and will be purchased by the Akademie.

Writers to present readings

Six Canadian authors, including Margaret Atwood, Michel Beaulieu, Marie-Claire Blais, Anne Hebert, Robert Kroetsch and Michael Ondaatje, have been selected to represent current Canadian literature. They will present readings of their works and participate in a symposium for German and Canadian writers.



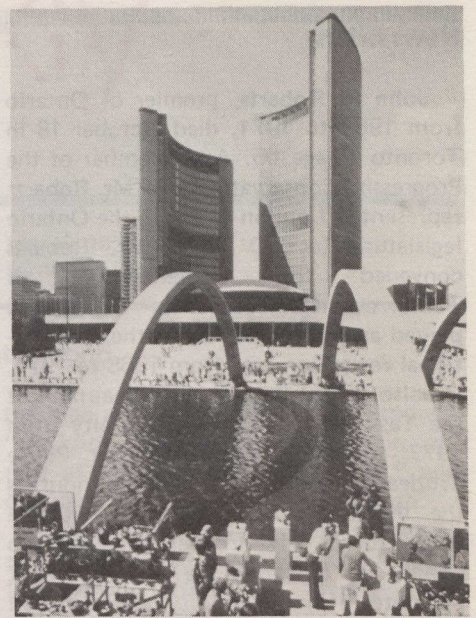
National Gallery of Canada

Blunden Harbour by Emily Carr, oil on canvas, circa 1930.

historic painting and contemporary art, a film program, a literary colloquium and readings by six Canadian writers and a performing arts component of 12 events including music, dance and theatre.

The invitation from the Akademie der Künste for the presentation of the best of Canadian artistic achievement in all disciplines was issued in 1978 and the importance of cultural co-operation between the two countries was underlined by Prime Minister Pierre Trudeau and Chancellor Helmut Schmidt during Mr. Trudeau's visit to Germany in July of that year.

As the host of the presentation, the Akademie will feature an exhibition of general information on Canada in the



Toronto's city hall, one of the photographs in the architecture exhibition.

Performing arts groups include the Paul-André Fortier Dance Theatre and Mime Omnibus of Montreal, the Dance Company of Toronto, the Glass Orchestra of Toronto, the Cape Breton Symphony, and fiddler-poet Jocelyn Bérubé of Montreal. The Inuit Throat Singers, women from Povungnituk on the eastern shore of Hudson Bay, will perform ancient rhythmic songs based on native sounds, while modern music will be conducted by flutist, composer and director of New Music Concerts Ensemble Robert Aitken of Toronto. In addition, Sneezy Waters of Ottawa will perform *Hank Williams: The Show He Never Gave*, which has been presented more than 200 times since 1977 and has won the Prix de Monaco European radio award.



Graeme Gibson



Margaret Atwood and Michael Ondaatje, authors who will present readings in West Berlin.

News briefs

John P. Robarts, premier of Ontario from 1961 to 1971, died October 18 in Toronto at age 65. As a member of the Progressive Conservative Party Mr. Robarts represented London North in the Ontario legislature for 20 years. Mr. Robarts convened the Confederation of Tomorrow Conference in 1967 and played an important role in the constitutional review process from 1968 to 1971. He also served Canada as co-chairman of the Task Force on Canadian Unity from 1977 to 1979. Prime Minister Pierre Trudeau said in a statement honouring the memory of Mr. Robarts that "he never forgot his broader allegiance to Canada as a whole. He was an ardent promoter of national unity and he played an active part in seeking accommodation among Canadians". In a state funeral procession the prime minister was one of 37 honorary pallbearers, all prominent in politics, business or labour.

The Department of External Affairs has announced an increase in the fee for a Canadian passport to \$21 effective November 1, 1982. Despite substantial increases in costs of producing a passport since the last increase in June 1980, the fee for a new passport was kept in line with the 6/5 per cent guidelines and only increased by \$1.

The Export Development Corporation (EDC) announced the signing of two financing agreements to support sales to Israel. In the first agreement, \$106 321 (US) has been allocated under a line of credit agreement with Bank Hapoalim B.M. of Israel to support the sale of 56 computer terminals by Westinghouse Canada Incorporated of Burlington, Ontario to El Al Israel Airlines Limited for its reservations system. The second financing agreement is a \$71 655 (US) allocation under the line of credit agreement with Bank Hapoalim to support the sale of one cable twining machine and spare parts by Ceeco Machinery Manufacturing Limited of Maple, Ontario to Datic Cable Works Limited of Israel.

Quebec Manpower Minister Pierre Marois announced recently that \$40 million will be added to the province's \$160-million short-term job creation fund. The additional funding for the province's programs aimed at recipients of provincial welfare benefits is expected to add about 16 000 jobs to the 21 000 the government has created so far this year. The duration of the programs is limited, since so much of the work is temporary.



The Citizen

More than 12 000 Ottawa area residents joined in the second annual Terry Fox run to raise money for cancer research on September 18. The ten-kilometre run drew participants of all ages including babies pushed in strollers by jogging fathers and senior citizens with a number of people on crutches or in wheelchairs. Similar runs were held in some 750 other sites across Canada and the Canadian Armed Forces organized runs at bases around the world, including the USSR, Israel, Czechoslovakia and Sweden.

Sixteen of the rare and beautiful whooping cranes that breed in Canada and annually winter in Texas, have completed their 4 200-kilometre trip from Canada. Scientists said the birds were among a flock of 77, believed to be the largest in the world. The birds will stay in Texas until April.

Secretary of State Serge Joyal recently announced that the Coalition of Provincial Organizations of the Handicapped had been given a \$320 000 grant.

For the first time this year, Ford Motor Company of Canada Limited, Oakville, Ontario reported a profit of \$1 million during the third quarter which ended September 30, 1982. In the corresponding quarter in 1981, Ford suffered a \$33-million loss. The gains were mainly in overseas operations in Australia, South Africa and New Zealand, which showed a profit of \$29 million during the quarter.

The 2nd Battalion of Princess Patricia's Canadian Light Infantry (2PPCLI) of Winnipeg took up Canada's portion of the United Nation's peacekeeping role in Cyprus at the end of September. This group is the thirty-eighth rotation of Canadian Forces troops to the Mediterranean island. A Canadian contingent has served in the UN force in Cyprus since March 1964. This contingent's area of responsibility is a sector containing the Cypriot capital of Nicosia, the largest city on the island.

CUSO, a Canadian non-government international development organization, is providing support for a Malaysian environmental group: Sahabat Alam Malaysia (Friends of the Earth in Malaysia). CUSO funds will help the group begin a campaign to inform local communities about the causes and effects of devastating environmental damage.

About 800 medical and para-medical specialists from around the world met in Montreal for a seminar on care of the terminally ill. The international seminar, sponsored by the Royal Victoria Hospital and McGill University, is held every two years in Montreal. This year's speakers included Elisabeth Kübler-Ross, Edwin Shneidman, Kathleen Foley and Robert Twycross. The Royal Victoria has a palliative care section, the first such service to be established within a university teaching hospital in North America.

The Stephens-Adamson division of Allis-Chalmers Canada Incorporated of Lachine, Quebec was awarded a \$72-million contract to design and build a coal-handling system in Colombia. Financing for the deal was arranged by the Export Development Corporation. Engineering work has started at the Stephens-Adamson division in Belleville, Ontario with the manufacture of equipment expected to begin in 1983.

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