

# Canada Weekly

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## Prime Minister Turner names new Cabinet

John Turner, who was sworn in as Canada's seventeenth prime minister on June 30, has named his first Cabinet.

While 13 ministers were dropped from the 36 he inherited from the Cabinet of former Prime Minister Pierre Trudeau, only five new ministers were brought from the backbench and several others were left in the same portfolios.

In a press conference announcing his new Cabinet, Mr. Turner emphasized that "this is a phase-one Cabinet re-organization only." He added that "eventually an election will be called and everyone in Cabinet will have to fight to keep their job. I will be looking both inside the Liberal caucus and outside by way of attempting to recruit men and women across Canada to actively widen my opportunities for forming a government".

The new Cabinet contains many familiar faces in many familiar places. Allan MacEachen, recently appointed to the Senate by former Prime Minister

Trudeau, was named Government Leader in the Senate.

Jean Chrétien, runner-up behind Mr. Turner in the leadership race, was named Deputy Prime Minister and Secretary of State for External Affairs. He will also act as chairman of the two key political committees in Quebec.

The third-placed finisher in the leadership race, Economic Development Minister Donald Johnston, was moved to become Minister of Justice and Attorney General.

The key economic ministers, such as Lloyd Axworthy in the Ministry of Transport, Herb Gray in the Treasury Board, John Roberts in the Ministry of Employment and Immigration, Marc Lalonde in Finance and Edward Lumley in Regional Industrial Expansion, all kept their portfolios.

The new faces in the economic area are Gerald Regan, appointed as Minister of Energy, and Francis Fox as Minister of International Trade.



Prime Minister John Turner and his new Cabinet pose with Governor General Jeanne Sauvé at Government House, Ottawa. (From left, front row): Jean-Jacques Blais, John Roberts, André Ouellet, Jean Chrétien, Prime Minister Turner; Governor General Jeanne Sauvé; Allan MacEachen, Herb Gray, Marc Lalonde, Monique Bégin, (From left, second row): Serge Joyal, Judy Erola, Donald Johnston, Charles Lapointe, Robert Kaplan, Francis Fox, Gerald Regan, William Rompkey, Edward Lumley, Lloyd Axworthy, Charles Caccia, (Left to right, back row): Douglas Frith, Ralph Ferguson, Jean Lapierre, Rémi Bujold, Herb Breau, Roy MacLaren, David Smith, David Collenette, Bennett Campbell. (See box, Page 2 for full list of portfolios.)



External Affairs Canada  
Affaires extérieures Canada

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## The new Cabinet

**John Napier Turner**, Prime Minister  
**Allan J. MacEachen**, Leader of the Government in the Senate  
**Jean Chrétien**, Deputy Prime Minister, Secretary of State for External Affairs  
**Herbert Eser Gray**, President of the Treasury Board  
**André Ouellet**, President of the Queen's Privy Council for Canada, Minister of State for Economic and Regional Development, Minister of Labour, Minister responsible for Canada Post Corporation  
**Marc Lalonde**, Minister of Finance  
**John Roberts**, Minister of Employment and Immigration  
**Monique Bégin**, Minister of National Health and Welfare  
**Jean-Jacques Blais**, Minister of National Defence  
**Francis Fox**, Minister for International Trade  
**Gerald Regan**, Minister of Energy, Mines and Resources  
**Robert Phillip Kaplan**, Solicitor General of Canada  
**William Rompkey**, Minister of State (Transport)  
**Charles Lapointe**, Minister of Supply and Services, Minister of Public Works  
**Edward Lumley**, Minister of Regional Industrial Expansion, Minister of Communications, Minister of State for Science and Technology, Minister responsible for

Canada Development Investment Corporation

**Donald Johnston**, Minister of Justice and Attorney General of Canada  
**Lloyd Axworthy**, Minister of Transport, Minister responsible for the Canadian Wheat Board, Minister responsible for the Canada Harbour Place Corporation (Expo 86), Minister responsible for the Northern Pipeline Agency  
**Judy Erola**, Minister of Consumer and Corporate Affairs, Minister of State for Social Development, Minister responsible for the Status of Women  
**Charles L. Caccia**, Minister of the Environment  
**Serge Joyal**, Secretary of State of Canada  
**Bennett Campbell**, Minister of Veterans Affairs  
**David Michael Collette**, Minister of State (Multiculturalism)  
**David Paul Smith**, Minister of State (Small Business and Tourism)  
**Roy MacLaren**, Minister of National Revenue  
**Herbert Breau**, Minister of Fisheries and Oceans  
**Joseph Roger Rémi Bujold**, Minister of State (Regional Development)  
**Jean-C. Lapierre**, Minister of State (Youth) and Minister of State (Fitness and Amateur Sport)  
**Ralph Ferguson**, Minister of Agriculture  
**Douglas Cockburn Frith**, Minister of Indian Affairs and Northern Development

Mr. Lumley and Labour Minister André Ouellet both came out of the shuffle with extra responsibilities. Mr. Lumley, in addition to the portfolio of Regional Industrial Expansion, has been given responsibility for the ministries of Communications and Science and Technology. He will also be

responsible for the Canada Development Investment Corporation.

Mr. Ouellet keeps responsibility for the Labour ministry and Canada Post but takes on the Privy Council Office and the Ministry of State for Economic and Regional Development.

## Canada-Brazil joint economic committee

The Secretary of State for External Affairs has announced the successful conclusion of the three-day meeting of the fifth Canada-Brazil Joint Economic Committee. The Canadian side was chaired by Claude T. Charland, Assistant Deputy Minister, Latin America and Caribbean, in the Department of External Affairs, while the Brazilian delegation was led by Ambassador Rubens Ricupero, head of the Department of the Americas in the Brazilian Ministry of External Relations.

The Canada-Brazil Joint Economic Committee was created in 1976 as a forum for senior government officials to exchange views on international economic matters and to consider ways of promoting trade

and investment between the two countries. Since its inception, the Committee has proved to be extremely valuable in Canada-Brazil relations.

Delegations considered the economic and financial situation as well as a large number of multilateral trade issues. There was particular focus on the outcome of the recent London Summit and the economic situation in Latin America. The delegations also undertook a detailed review of the Canada-Brazil bilateral economic and trade relationship.

The Canada-Brazil Joint Economic Committee is scheduled to meet again in two years' time in Brasilia.

## Impact of technology studied

The creation of a \$5-million fund to support research over the next three years into human and social impacts of technological change in the workplace was announced recently by Labour Minister André Ouellet. Its primary purpose is to facilitate studies of the social and human effects and implications of technical innovation on areas such as health and safety, ergonomics, labour-management relations, unions, job satisfaction, and working conditions.

The fund is designed primarily to finance practical, workplace-related research by those who are directly affected or likely to be affected by technological change. Priority will be given to labour organizations, women's groups and other organizations or interest groups who wish to investigate issues of particular relevance to the workplace.

## Peace prize for Mr. Trudeau

Pierre Elliott Trudeau, who stepped down recently as Canada's prime minister, is the 1984 winner of the Albert Einstein peace prize.

Announcing his selection, Norman Cousins, head of the Einstein foundation's Selection board, cited Mr. Trudeau's "unprecedented efforts to break the political impasse on arms control". The award, which carries a \$50 000 prize, will be presented to Mr. Trudeau in Washington in November.

## Peace mission

During his four-month world-wide peace mission, Pierre Trudeau visited 17 countries and spoke to more than 50 government leaders. "Few heads of government in recent decades have devoted so much time and energy to international peace," commented Mr. Cousins. The former prime minister said he was "most honoured and pleased" with his selection. He emphasized that Canadians who supported his peace initiatives are being honoured.

Past recipients of the award are Swedish diplomat, Alva Myrdal; George Kennan, former US ambassador to the Soviet Union; Robert McNamara, former US defence secretary; McGeorge Bundy, onetime US national security adviser; Gerard Smith, negotiator of the 1972 Strategic Arms Limitation Treaty; and Joseph Cardinal Bernardin, the archbishop of Chicago and principal author of the US bishops' pastoral letter on nuclear arms.

## Canada-US agreement

Health and Welfare Minister Monique Bégin has announced that the Social Security Agreement between Canada and the United States will come into force on August 1.

Miss Bégin and the United States Ambassador to Canada, Paul H. Robinson, Jr., acting on behalf of their governments, exchanged letters confirming that their countries have completed the procedures required for the implementation of the Agreement. The exchange took place at an official ceremony held recently on Parliament Hill.



Monique Bégin

Miss Bégin pointed out that this Agreement, which will be the sixth such accord to be implemented for Canada, is the most far-reaching in terms of the number of persons affected. As many as 12 000 people may become eligible for Canadian benefits during the first year of its implementation. Similar agreements are already in force with France, Greece, Italy, Jamaica and Portugal.

This latest Agreement will co-ordinate the operation of Canada's Old Age Security program and the Canada Pension Plan with the American program which provides old age, disability and survivor's benefits.

Both Canada and the United States have minimum residence and/or contributory conditions for individuals to qualify for social security benefits. Under the terms of the Agreement, persons who live, or have lived, in Canada and the United States will be able to add together periods of residence or periods of contributions in both countries in order to satisfy minimum eligibility conditions for one or both countries. In this way, persons who might otherwise be ineligible for benefits will now be assured social security protection.

Once eligibility is thus established, the Agreement provides a means of calculating the amount of the benefit to be paid by each country in accordance with its own legislation. The amount of such benefits will be determined according to the periods of residence or contributions credited to the individual in each paying country.

The elimination of dual coverage is an important feature of the Agreement. It ensures, where possible, that individuals will contribute to the program of one country only, rather than to both at the same time.

## Donation to aid Pakistan's oil and gas sector

Canada has doubled its involvement in Pakistan's oil and gas sector by providing another \$40 million for Canadian advisers, technical services and equipment to enhance Pakistan's oil and gas production capacity and to offset crippling oil import costs.

Over the next five years, the Canadian International Development Agency (CIDA) will supplement Pakistan's own \$90-million contribution to the project to increase self-sufficiency in this sector through expanded training, development and production activities. Pakistan currently imports almost 90 per cent of the crude petroleum consumed annually in that country. Natural gas is also in short supply. Both are critical to Pakistan's industrial and agricultural development.

Some Canadian advisers hired by CIDA will develop specialized curricula and will teach trainers at Pakistan's Oil and Gas Training Institute in Pakistan. Where appropriate to the program, training will also include supplementary placement of Pakistan oil and gas personnel in Canadian institutions and in-

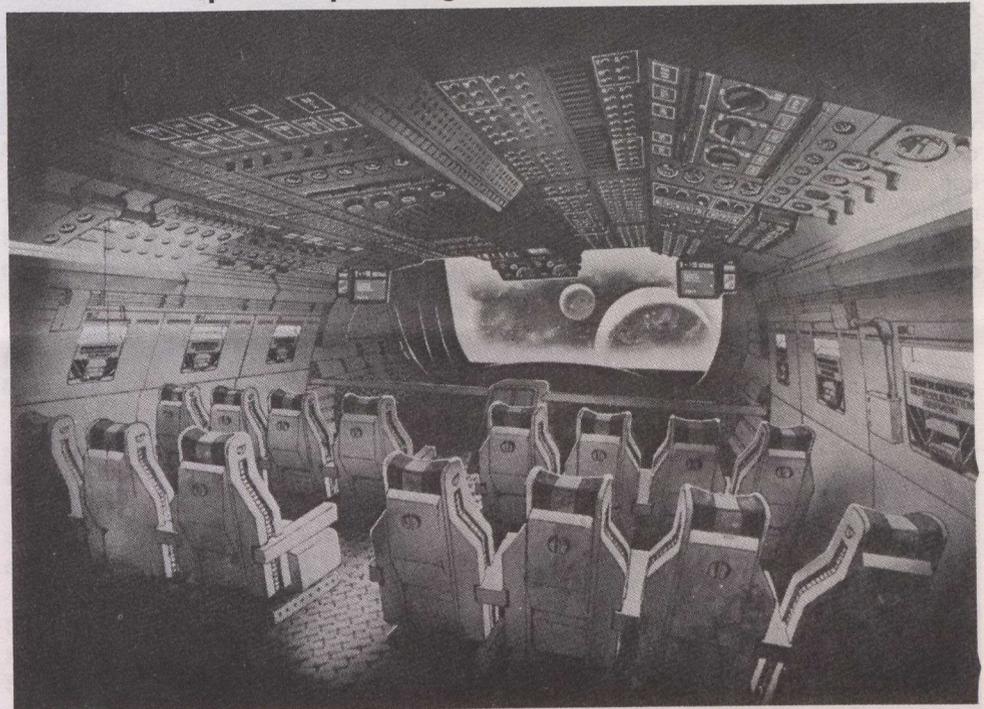
dustries. Other Canadian specialists will focus on the transfer of technology for oil drilling and well completion. As technical problems are resolved, these positions will lapse, leaving Pakistan with the capacity to continue alone.

CIDA will also supply the Oil and Gas Development Corporation of Pakistan with Canadian equipment not otherwise available in that country and considered critical for increased production from existing oil and gas fields, such as well servicing, completion and stimulation.

Given the complexity and scope of the project, CIDA will hire two Canadian executing agencies to help implement the project — one to focus on training, the other on technical support.

Canada's development program in Pakistan dates back to the establishment of the Colombo Plan in 1951, making it one of the longest and most substantial of Canadian aid programs. Over the past 33 years, Canadian aid to Pakistan has exceeded \$952 million.

## World's first public space-flight simulator for Toronto



By September, visitors to Toronto's CN Tower will be able to take a 'realistic' flight through space by visiting a 40-seat simulator developed in a special partnership between a British company, Rediffusion Simulation, Crawley, Sussex, and two Toronto firms, Maple Interactive and Helix Investments. The three have formed Interactive Entertainments Inc. The CN Tower simulator is the first of a growing number the company expects to be installed by 1989 at 20 sites in major capital cities throughout the world. (Above), the simulator that helps to produce a realistic feeling of travel in space.

## The Port of Montreal sets record in containerized traffic in 1983

The Port of Montreal handled 3 753 088 tonnes of containerized cargo in 1983 which constitutes a record, the previous one having been set in 1981 at 3 500 901 tonnes.

With that, Montreal gained on Baltimore, Maryland, second only to New York among the North Atlantic container ports of the Eastern seaboard.

Montreal remains the top container port in Canada with 52 per cent of the domestic market, and its share of the eastern market climbed from 56 to 60 per cent. The Port of Montreal's 1983 performance in containerized cargo surpassed that of all east coast ports on the continent.

These exceptional results stem directly from the economic recovery and the combined efforts of the Port of Montreal and the shipping industry.

In 1967, the first year the Port of Montreal handled containers, their traffic represented only 2 per cent of the Port's total volume of general cargo. This share climbed quickly to 20 per cent in 1970, 50 per cent in 1977 and, most recently, 80 per cent in 1983.

### A variety of goods

Today, the majority of non-bulk cargo is shipped in containers. At the Port of Montreal, the most important containerized goods by volume are fruits, nuts and vegetables, dry chemical products, alcoholic beverages, iron, steel and alloys, non-ferrous metals, machinery, asbestos, pulp, lumber, liquid chemical products, non-metallic mineral products, and assorted goods.

The Port of Montreal has had to adapt its facilities to keep pace with the rapid development of containerized shipping. Today, six terminals equipped with gantry cranes, trans-shipment cranes and other equipment, and covering an area of 36.45 hectares, allow containers to be handled year-round.

Container shipping furnishes the best example of intermodal transport. The Port of Montreal commands a vast network of routes linking it to all neighbouring areas, including northeastern United States. Above all it has the advantages of CN and CP Rail, whose networks offer excellent service to Ontario, Western Canada, and the American Midwest. The Port's railway gives CN and CP direct access to all container terminals.

Containerization is the future of ocean shipping. Hence the Port stresses its results in this sector, which offers the most opportunities and creates the most jobs. With the soaring importance of its containerized traffic, the Port of Montreal can rightfully call itself a top-rank international port.

### The Mediterranean route

The Mediterranean route generates an important volume of traffic for the Port of Montreal. Since 1980, the total volume of traffic from this route accounts for between 12 per cent and 14 per cent of the international traffic passing through Montreal.

Numerous countries border the Mediterranean shipping lanes frequented by merchant vessels plying this route. Mediterranean countries regularly linked to Montreal are Italy, Spain, Yugoslavia, Israel, Libya, Algeria, Morocco, and Tunisia. Seven ship-

ping lines call at their ports.

Total traffic with Mediterranean countries averages about 1.3 million tonnes annually. Grain exports (wheat and barley) account for approximately 60 per cent of this total.

The volume of general cargo has grown substantially since 1979, mainly in the realm of containerized goods, which climbed 87 per cent between 1979 and 1982.

The main goods exported to the Mediterranean through the Port of Montreal are grains, iron ore, coke, scrap metal, and petroleum products.

Primary imports include alcoholic beverages, fluorspar, non-metallic minerals, fruits, nuts, and vegetables and finally, iron and steel.

## Computer-linked device pinpoints knee problems

A new diagnostic device, researched and developed in Montreal, is helping physicians to assess knee injuries, most of which are sports-related.

The device, called Genucom, incorporates computer-based diagnostics which give the examiner a complete clinical description of the patient's knee disability, during both active and passive knee motions.

The Genucom was researched and developed in Montreal by FAR Orthopedics, Inc., a company that specializes in the development of computerized orthopedic equipment.

Dr. Jack Oliver, president of the Canadian Academy of Sports Medicine, and the first orthopedic surgeon to use the Genucom, claims that it will assist the practitioner in the management of patients with knee problems.

### The equipment

The device consists of a computer terminal, reclining chair which somewhat resembles a barber's chair, and force-and-motion measurement devices. "It's a device that was developed for the physician to use simply and efficiently to measure knee instability while the patient is seated comfortably during the half-hour examination," says Dr. Gregory Fraser, president of the company.

During the examination, the patient is seated in the reclining chair while the physician or his delegate manipulates the knee according to instructions given on the computer screen, in a manner very similar to conventional examinations. A plastic leg brace is placed on the lower leg and the measurement device is attached from the computer to the leg brace which works with the examiner to assess the extent of the knee in-



The Port of Montreal handled some 3 753 088 tonnes of containerized cargo in 1983.

stability. The test results are displayed in graph form on the computer display. The physician is able to obtain a "hardcopy" of the results from the attached printer. The doctor has the option of leaving the data in the computer memory for retrieval at a later date.

The Genucom is being used in one Montreal institution, and very shortly will be moved into a new sports clinic opening in the Montreal area. Also, a 100-patient study is being conducted in Toronto. Thus far, the results indicate that the Genucom is a beneficial diagnostic tool that before long will have wide applications.

The device costs approximately \$60 000 and is available to any physician, sports clinic, sports team or researcher.

Previously, the physician's assessment of knee injuries has been mainly subjective. The patient would complain of painful or unstable knees and the physician would manually manipulate the knee in order to determine the extent of the instability.

Most sports-related injuries occur at the knee joint. They may account for up to 70 per cent of all injuries in a sport, depending upon which sport. Classical treatment has been with bracing, muscular rehabilitation and/or reconstructive surgery. "The treatment depends upon the extent of the injury," says Dr. Fraser, "this new device may mean significantly less guesswork by the physician and much less unnecessary suffering for the patient."

### Aid for protection of world environment

Canada will make an initial contribution of \$200 000 to the World Commission on Environment and Development, it was announced recently.

Set up by the United Nations thirty-eighth General Assembly last fall, the World Commission on Environment and Development will recommend an agenda for action to protect or enhance the environment into the next century, and to increase international environmental awareness and co-operation. The issues addressed by the Commission concern both developed and developing countries, and include acid rain, the management of toxic wastes, deforestation, and the expansion of deserts into previously fertile areas.

The chairperson of the World Commission is Dr. Gro Harlem Brundtland, former prime minister of Norway, and the vice-chairperson is Mansour Khalid, former deputy prime minister of Sudan. Both have been

involved at the highest level in environment and development issues.

The selection of other commissioners is under way, and Canada is represented by Maurice Strong.

The first meeting of the World Commission took place at its Geneva headquarters in May.

The departments of the Environment and External Affairs have supported the establishment of the World Commission, which has been invited to hold a meeting in

Canada. Consultation will take place with the scientific, environment and development communities, federal and provincial officials, industry and the Canadian public in preparation for this meeting.

The report of the World Commission will be completed in two years and will then be considered by international organizations and national governments. In addition to Canada's contribution, funding will come from the voluntary contributions of other governments, and from private sources.

### Canadian-made farm machinery to Sudan



James Seeley

Four-wheel-drive tractor being loaded in Montreal harbour for shipment to Sudan.

The freighter *Hinglaj* left recently from Montreal carrying \$750 000 worth of Canadian-made farm machinery.

The cargo of four-wheel-drive tractors, combines, ploughs and trucks is destined for the Clay Plains of the Eastern Sudan in North Africa.

The equipment will be used on a 4 000-hectare mechanized farm run by Agrodev Canada Inc., a private Ottawa-based agricultural consulting firm specializing in food and livestock production in lesser developed countries.

The \$12-million Sudan project, funded by the Canadian International Development Agency (CIDA), is assigned to help the Sudanese people produce sorghum, their main food crop, and train them to operate and maintain modern farm machinery, said Nelson Bevard, an Agrodev vice-president.

While the Sudan should eventually be able to export part of its sorghum crop, thus earning foreign currency, the project also benefits Canadian farm-equipment manufacturers. Mr. Bevard said more than

60 per cent of the equipment and materials used to build houses and water and power systems is Canadian-made.

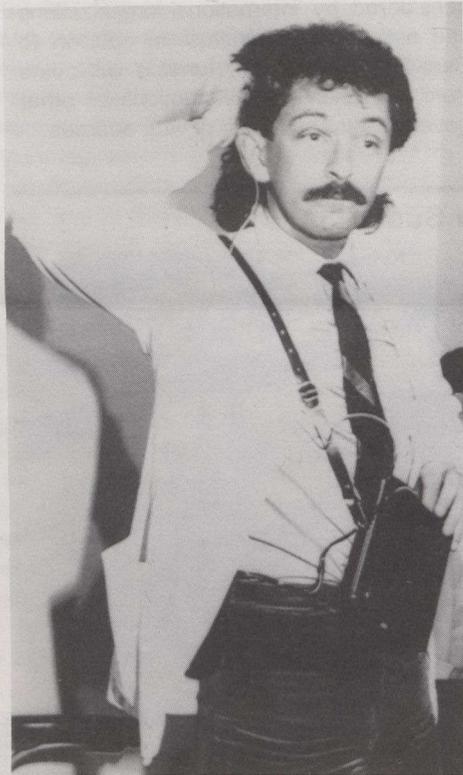
The Clay Plains project, now in its third year, will be turned over to the Sudanese government in December 1986. By that time Bevard expects the farm to have produced five crops.

With about 20 employees in total, Agrodev, a wholly owned subsidiary of Vancouver-based Envirocon Ltd. since it was brought out two years ago, is small compared to many of the large consulting companies in Canada, the United States and Europe who aggressively compete for funding from CIDA and other world funding agencies. However, it gets a good share of the grants.

Agrodev is running a livestock and pasture rehabilitation program in an overgrazed area of northeast China under the United Nations Development Program. The company also operates agricultural development projects in Africa, Asia and Latin America.

## Quebecker hears again

After 12 years of complete deafness, Real Sasseville can hear music again, thanks to an electronic ear implanted in a delicate operation recently.



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*Real Sasseville can now hear after 12 electrodes were implanted in his ear.*

In the first operation of its kind in Canada, a team of doctors at the Hôtel Dieu hospital in Quebec City, inserted 12 electrodes in Sasseville's inner ear, directly touching the auditory nerve which relays sounds to the brain.

The electrodes are connected through the mastoid bone behind the ear to a receiver surgically implanted beneath the scalp. The receiver in turn is connected to a battery-run transmitter strapped to his waist which captures sounds from the outside world.

The operation took place May 17, and a little more than a week later, Sasseville was hearing music for the first time in years.

"I can hear your questions and the sound is close to normal but more metallic", said Sasseville, who turns on his new \$19 000 electronic ear only for short bursts as he enters an intensive period of retraining to hear and decode sound.

Sasseville lost his hearing 12 years ago due to Alport's disease, a hereditary ailment which progressively destroys both the internal ear and the kidneys.

## Fibre-optic phone cable

The 29 telecommunications organizations from Europe and North America which met in Paris recently have given the go-ahead to a \$335-million (US) project to lay the first undersea fibre-optic cable.

Dubbed the TAT-8 project, the international communications carriers will share the cost and use of the 5 160-kilometre cable, to be sunk in the Atlantic Ocean by 1988.

The glass cable will run from Tuckerton, New Jersey, to Widemouth Bay in Cornwall, England, and Penmarc'h on the Brittany coast of France. It will carry telephone messages at the speed of light and will increase the capacity of the undersea cable system linking North America and Europe.

Signing the agreement for Canada was Jean-Claude Delorme, president of Teleglobe Canada. Teleglobe will invest \$5.1 million in the cable and own 165 bearer circuits, capable of carrying 718 telephone circuits. The cable will be able to carry 40 000 voice messages.

Late last month, the US Federal Communications Commission authorized a consortium of eight US companies, headed by American Telephone and Telegraph Co. of New York, to participate in the project. The US consortium and Teleglobe together will hold a 50 per cent interest in the cable.

AT and T is investing \$123 million (US) in the project, British Telecom \$52 million, and France's Telecommunications Administration \$33 million.

AT and T will lay 3 150 nautical miles of the cable from the US to a junction box off the European coast. The remainder will be laid by Standard Telephones and Cables PLC of Britain and Submarcom of France.

## Super cold fridge aids research

A new refrigerator that will cool samples to within a fraction of a degree of absolute zero will help Canadian scientists study the structure of atoms.

The \$200 000 refrigerator will be installed near the research reactor at the Chalk River Nuclear Laboratories of Atomic Energy of Canada Ltd., Ontario.

Neutron beams from the reactor will be used as probes to study metals in the search for superconducting alloys that allow electricity to pass through without resistance. Researchers from Queen's University, the University of Toronto and McMaster University will use the device when it is ready in early 1985.

## French-speaking computer

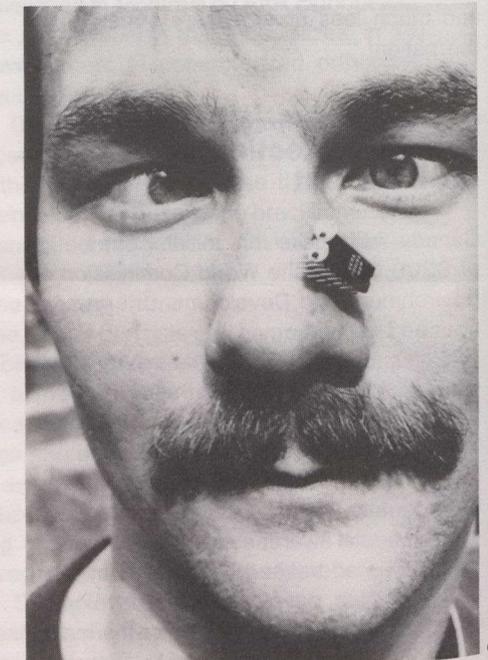
INRS-Telecom, a joint venture of the University of Quebec and Bell Northern Research's Montreal telecommunications research laboratory, displayed a French-speaking microcomputer at the third Science and Technology Show held recently in Montreal.

The machine has a standard keyboard. Through electronic speech synthesis, it reproduces orally any message typed on to the keyboard at a speed of about 200 words a minute. The speech synthesis-based system has been under development for several years at INRS-Telecom.

Since then, further research and advances in electronics have improved speech quality and range and permitted the system to be operated on a microcomputer.

Similar speech synthesis systems have been developed in the United States for voice reproduction in English, and INRS-Telecom is negotiating the sale of its French-language reproduction software to two US companies. They are not only interested in the potential markets for French-speaking microcomputers but also in the specific capabilities of the system.

## Does it byte?



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*Robert Duffy and Chippy, his high-tech pet, each seem to be waiting for the other to make a move. Duffy created Chippy as a high-tech answer to the "pet rock" using computer chips and small plastic eyes. He has sold about 2 000 in the Ottawa area at \$1.99 each.*

## Le Musée du Québec celebrates Jacques Cartier

Le Musée du Québec in Quebec City is presenting a series of exhibitions and special events during the summer months to commemorate the four-hundred-and-fiftieth anniversary of the arrival of Jacques Cartier.



Photographie Musée du Québec

Jacques Cartier a wooden statue carved in 1863 by sculptor François-Xavier Berlinguet.

Under the general title *Jacques Cartier: La France, la Nouvelle-France et le Québec*, there will be several exhibitions.

Within the scope of a Franco-Québec agreement, le Musée du Québec will first present an exhibition prepared in France entitled *La Renaissance et le Nouveau Monde: 1503-1608*, consisting of some 150 works of art and documentary pieces from the sixteenth century. The French vision of the New World, the various aspects of France during the sixteenth century and the art of the French kings during the Renaissance are the main themes of this exhibition. Artists such as François Clouet, Germain Pilon, and Toussaint Dubreuil, will be included in the exhibition.

The second exhibit, *Le Trésor du Grand Siècle*, will feature Quebec art during the seventeenth century: paintings, sculptures, precious metal works and architectural drawings. The exhibition will include an audio-visual program covering the main periods of

the French settlement in Quebec during the seventeenth century.

Another exhibition, entitled *Jacques Cartier et la découverte du Nouveau Monde*, will include maps, atlases, engravings and other works of art produced between the sixteenth and the end of the nineteenth century in Europe and in Quebec.

The exhibition, *Les Cadeaux du Roi*, consists of a display of gifts offered by French and English kings and heads of states to governments, religious communities and civil organizations, from the time of the French regime to the present. It will be made up mainly of precious metal works, liturgical articles of clothing and material, books and engravings.

Le Musée du Québec will also take advantage of the presence of many visitors to Quebec City this summer to exhibit art as it is today. *Québec 84: L'art d'aujourd'hui* will feature recent works produced by artists of Quebec City and its regions, including Lucienne Cornet, Marcel Jean, Lauréat Marois, Monique Mongeau, Richard Mill and Louise Viger.

There will also be an exhibit of drawings, prints and water colours from the Museum's collections under the theme *La ville de Québec, le fleuve et ses voiliers*. The display will include works of Bartlett, Cockburn, Heriot, Smyth, among others.

## Architect honoured

Canadian architect Arthur Erickson has received the French Academy of Architecture's golden medal award for his "dynamic, resolutely modern" construction.

The Academy of Architecture, established by a group of professionals in 1865, bestowed its annual top honour for the first time on a Canadian architect "for his field of action throughout the world".

Arthur Erickson, 60, who heads an architectural firm in his native Vancouver, and in Toronto and Los Angeles, achieved world recognition for projects in Canada that include the Roy Thomson Concert Hall in Toronto, Vancouver's Law Courts, Simon Fraser University in Vancouver and the University of Lethbridge in Alberta.

Mr. Erickson's current projects include the new \$35-million Canadian chancery in Washington, D.C., and the Islamic University of Medina, Saudi Arabia — a huge undertaking now in the planning stage which, if completed, should resemble a small city.

## Top prizes for Canadian film

*I am a Hotel*, an experimental Canadian film based on the songs of Leonard Cohen, has won two top prizes at the Montreux International Festival in Switzerland. The half-hour film won over programs from 32 countries to capture the festival's première prize, *The Golden Rose*.

The film, which includes appearances by Leonard Cohen, Toller Cranston and dancers Ann Ditchburn, Celia Franca and Robert Desrosier, also won special mention in the critics' choice category.

The festival is considered one of the leading competitions in the world for TV variety programs.

CBC productions which have previously won the festival's top prize are Rich Little's *Christmas Carol* in 1979 and Toller Cranston's *Dreamweaver* in 1980.

## Canada-Scotland fellowship

Short-story writer Alistair MacLeod, of Windsor, Ontario, has been awarded a Canada-Scotland fellowship to work as a university writer-in-residence in Scotland in the coming academic year.

Scottish poet Walter Perrie will, in exchange, attend the University of British Columbia and will tour Canada.

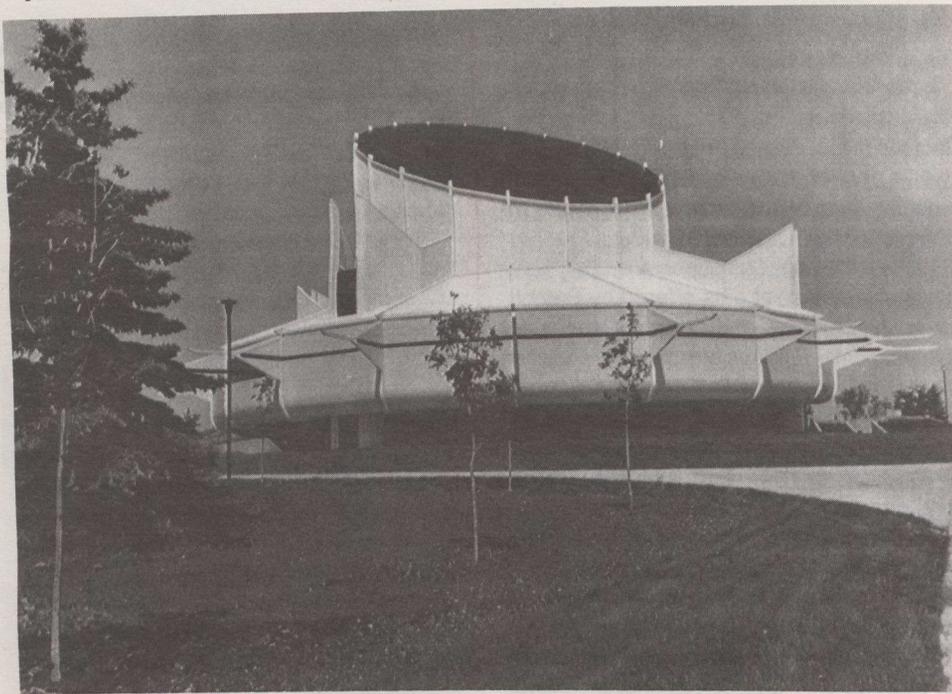
Alistair MacLeod, a native of Saskatchewan, grew up in a Gaelic county of Nova Scotia which fuelled many of the stories in his 1976 book, *The Lost Salt Gift of Blood*. He teaches English and creative writing at the University of Windsor and is fiction editor of the *University of Windsor Review*.

## Anniversary gala

The National Ballet School will hold its 25th anniversary celebration in November, highlighted by a gala performance featuring new ballets by such choreographers as Glen Tetley and John Neumeier. The school will have two days of special events on November 20 and 21, culminating in a gala performance at Toronto's O'Keefe Centre.

In addition to the ballets by Tetley and Neumeier, who is artistic director of the Hamburg State Opera Ballet, there will be new works by Rudi van Dantzig, artistic director of the Dutch National Ballet, Uwe Scholtz, company choreographer for the Stuttgart Ballet, and Spanish dancer Susana, featured in the recent Oscar-winning film *Flamenco at 5:15*.

## Space Science Centre for Edmonton



Canapress

The new Space Science Centre which opened recently in Edmonton towers over a park in the city's west end. The \$15.6-million centre includes a planetarium and a replica of the Canadarm used in the United States space shuttle.

### News briefs

Canada will provide \$200 000 to assist drought victims in Zimbabwe. The funds, to be channelled through the Canadian International Development Agency (CIDA), are being provided in response to a two-pronged appeal launched by the League of Red Cross and Red Crescent Societies (LRCS). The appeal called for relief assistance for 25 000 Mozambicans who fled their country in recent months for Zimbabwe and support of a feeding program for 92 000 Zimbabwe children. Already this year, CIDA has provided \$240 000 to the LRCS for the Zimbabwe children's feeding program and \$25 000 to the World Council of Churches for their relief program in Zimbabwe.

Centre de Recherche Industrielle du Québec (CRIQ), a provincial agency specializing in industrial and applied research, will start construction of a \$21-million building in the eastern section of Montreal in September. CRIQ will move into its expanded quarters in 1985.

Newsradio, which serves 44 Canadian radio stations, has announced that it will become a satellite news system this summer. Satellite transmissions are scheduled in July, and current landline transmission used by the service should be eliminated by

September 1. Satellite delivery will mean an improvement to sound quality, according to a company spokesman.

Bell-Northern Research Ltd. (BNR), a unit of Northern Telecom Ltd. of Mississauga, Ontario, has announced, in conjunction with Queen's University in Kingston, Ontario, a faculty development program. The BNR-Queen's program will enable the university to hire a faculty member in the multidisciplinary fields of micro-electronics, electrical engineering and computer science. The candidate will conduct research in an area related to BNR's general interests and will have direct access to BNR's research operations.

Alexandra Barre and the men's kayak four team captured bronze medals for Canada at a 29-nation international canoe and kayak regatta held recently in Duisburg, West Germany. Barre, 26, of Jonquière, Quebec, and the men's team earned their medals for finishing third on middle lanes at the Wedau Sportpark course.

Northern Telecom Ltd. of Mississauga, Ontario, has signed a \$15-million contract to supply Nynex Corp. of New York with exchange area cable for its New England and New York Telephone companies. The contract, the third significant cable agreement signed recently with former divisions of

American Telephone and Telegraph Co. of New York, runs to next March.

Scintrex Ltd. of Toronto has been awarded a \$275 000-contract by the US National Aeronautics and Space Administration for a project at the Goddard Space Flight Center in Greenbelt, Maryland, involving the study of the behaviour in space-like conditions of critical components of a highly sensitive magnetometer for measuring the magnetic field of the earth. The contract has been awarded in preparation for a mission to be launched on board the space shuttle transportation system in about five years.

Clarence Campbell, who served as president of the National Hockey League for 31 years and saw it grow from six to 21 teams, died recently after a lengthy illness. He was 78. Campbell's 31-year tenure in office — from 1946 to 1977 — was the longest of any sports commissioner in history.

Invest Canada, a quarterly magazine designed to link Canadian business opportunities with overseas investors, will be launched in September by Invest Communications of Toronto. The four-colour publication is aimed at investors in the Pacific Rim countries, Europe, the Middle East and South America and distribution of 30 000 copies an issue will be made through a broad network of banks, consulting firms, brokerage houses, airlines and government embassies and agencies. Editorial coverage will focus on general investment opportunities with funding requirements in excess of \$400 000 or real estate projects requiring more than \$3 million.

Barbara Bunkowsky, who became the first Canadian since 1981 to win an event on the ladies' pro golf tour, has been named the country's athlete of the month for May by the Sports Federation of Canada. The 25-year-old native of Burlington, Ontario, shot a seven-under-par 67 in the final round of the Chrysler Plymouth Charity Classic to overtake Pat Bradley and Donna White to win her first ever LPGA event. Sandra Post, now retired, won Canada's last LPGA event.

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# Canada

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