

Canada Weekly

Ottawa
Canada

Volume 12, No. 33
September 19, 1984

Canada elects new government in landslide win for Conservatives, 1

Assistance to Ethiopia, 3

Mitel-China phone contract, 3

Volcanic vents teem with life off British Columbia coast, 3

An Oakville-based company builds towers of strength, 4

Awards for medical research, 4

Spar wins largest surveillance system contract, 5

A new, multi-purpose air cushion vehicle, 5

Aid for energy in Guinea, 5

Old river boat returns to Rideau Canal, 6

Canada still the largest fish exporter, 6

Swimmer crosses Lake Ontario, 6

News of the arts — museums, catalogue, 7

News briefs, 8

A little wobbly on the pins, 8

Late news

Conservative leader Brian Mulroney will be sworn in as Canada's eighteenth prime minister on Monday, September 17. The new Cabinet will be sworn in at the same time.

Canada elects new government in landslide win for Conservatives

Brian Mulroney led the Progressive Conservative Party to its largest majority in Canadian history in the federal general election on September 4.

The sweep, which more than doubled the total number of seats the party held after the 1980 election, beat the previous record of 208 seats won in the 1958 election led by John Diefenbaker.

Claiming victory in 211 of the country's 282 seats, the Conservatives have changed the political face of the country.

When Liberal leader John Turner conceded national defeat in Vancouver, the Liberals had been elected in only 40 seats, 107 fewer than in the last federal election. It represented the smallest number of seats ever won by the Liberal Party. Their previous low record was 48 seats in the 1958 election.

The New Democratic Party won 30 seats, gaining in Ontario but losing some previously held in western Canada. One independent was elected in Toronto.

Coast to coast

The landslide began in the Atlantic provinces from where the first returns were received. There the Conservatives almost doubled their number of seats to 25, with the remaining seven going to the Liberals.

The most stunning victory for the Conservatives however, came in the Liberal fortress of Quebec, where voters turned their backs on 21 years of Liberal tradition in 61 of 75 ridings. In 1980, the Conservatives won only one seat in the province.

The avalanche continued in Ontario, where the Conservatives increased their seat total from 38 to 69. The Liberals fell from 52 to 14 and the New Democrats from 6 to 13.

In the west, the New Democrats held on to strongholds in Manitoba and Saskatchewan but every seat in Alberta went to the Conservatives. The Conservatives claimed 19 victories in British Columbia and the New Democrats won in eight ridings. For the Liberals, there were only two



Lynn Ball, The Citizen

Brian Mulroney, the prime minister elect, and wife Mila, acknowledge cheers from supporters in Baie Comeau.

victories in the west, one in Manitoba and the other in the Vancouver riding where John Turner was elected.

Leaders elected

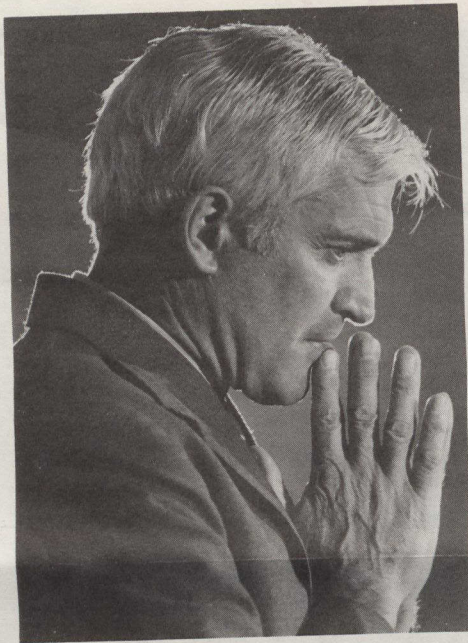
All three party leaders won in their ridings. Brian Mulroney swept Manicouagan, Quebec by more than 20 000 votes over his nearest rival, Liberal incumbent André Maltais. For New Democratic Party leader Ed Broadbent in Oshawa, Ontario, the margin of victory was only some 2 200 votes. John Turner was also in a close contest, beating his nearest rival, Conservative Bill Clarke in Vancouver Quadra by 3 784 votes.

Across the country many notable Progressive Conservatives were elected. Among those who will be in the House of Commons are James McGrath and John Crosbie of Newfoundland; Elmer MacKay and Robert Coates of Nova Scotia; Tom



External Affairs
Canada

Affaires extérieures
Canada



Liberal leader John Turner contemplates nation-wide defeat in the general election on September 4. Mr. Turner won his seat in the British Columbia riding of Vancouver Quadra.

MacMillan of Prince Edward Island; Fred McCain of New Brunswick; Robert de Cotret, Gabrielle Bertrand, Marcel Massé and Roch LaSalle of Quebec; Allan Lawrence, Otto Jelinek, Flora MacDonald, George Hees, David Crombie and Sinclair Stevens of Ontario; Jake Epp, David Orlikow and George Minaker of Manitoba; Ray Hnatsyshyn of Saskatchewan; Gordon Taylor and Joe Clark of Alberta; Robert Wenman and Pat Carney of British Columbia; and Erik Nielsen of the Yukon.

For the Liberals, it was a story of defeat. Fifteen Cabinet ministers lost their seats including John Roberts, Jean-Jacques Blais, Francis Fox, Gerald Regan, Charles Lapointe, Edward Lumley, Judy Erola, Serge Joyal, Bennett Campbell, David Collette, David Smith, Roy MacLaren, Herbert Breau, Joseph Bujold and Ralph Ferguson. Deputy Prime Minister and Secretary of State for External Affairs Jean Chrétien won his seat, as well as Cabinet ministers Herbert Gray, André Ouellet, Robert Kaplan, William Rompkey, Donald Johnston, Charles Caccia, Jean-C. Lapierre and Douglas Frith.

Conservative mandate

With almost 50 per cent of the population supporting the Conservative Party, Brian Mulroney declared that "the country has spoken". He stressed his message of unity and jobs: "Our mandate is clear and precise. It comes with equal force and eloquence from a west too long ignored and a Quebec too long misunderstood."

Mr. Mulroney continued by reaffirming four specific goals of his party which, he considered, received the support of the voters. First, he said, the Conservative "objective and mandate is to create jobs and to get the economy of Canada moving again". He also said there would be more co-operation between levels of government and all sectors of society, an enhancement of women's rights and a continued search for world peace.

John Turner, who becomes Canada's second shortest-lived prime minister, after Charles Tupper whose term in 1869 lasted only 69 days, quoted Sir Winston Churchill saying "our defeats are but the stepping stones of victory". He promised to stay on as leader of the opposition and devote all his energies to the fulfilment of the duties of that office. He also promised a speedy, orderly transition of power.

In Oshawa, Ed Broadbent promised to continue working for the "ordinary people throughout this land".

Over the next few days, Brian Mulroney will select his Cabinet ministers and prepare for the change-over of the government. As this issue went to press, no firm date had been set for the transition of power to the new government, but it was expected that after the meeting between Mr. Mulroney and Mr. Turner, Brian Mulroney would become prime minister on September 17.

The new prime minister

Martin Brian Mulroney was born in Baie Comeau, Quebec, on March 20, 1939, one of six children of B.M. Mulroney, an electrician, and Irene O'Shea. He holds a Bachelor of Arts (Honours) degree in political science from St. Francis Xavier University, Antigonish, Nova Scotia and a Bachelor of Laws from l'Université Laval, Quebec City.



Ed Broadbent, leader of the New Democratic Party with his daughter Christine, waves to supporters after winning his seat in Oshawa.

Mr. Mulroney has been active in public life and community affairs in Canada for many years. He joined the Iron Ore Company of Canada as executive vice-president in July 1976, and was elected president the following year. He served as chairman of the company's executive committee, and as president of its subsidiary firms, including the Quebec North Shore and Labrador Railway. He has also served as chairman of a number of important fund-raising campaigns.

Mr. Mulroney was elected leader of the Progressive Conservative Party on June 11, 1983. He subsequently won election to the House of Commons on August 29, 1983, representing the riding of Central Nova, Nova Scotia.

Brian and Mila Mulroney, who were married in 1973, have three children.

Election results across Canada

	Conservatives	Liberals	New Democrats	Others
Newfoundland	4	3	0	0
Nova Scotia	9	2	0	0
Prince Edward Island	3	1	0	0
New Brunswick	9	1	0	0
Quebec	58	17	0	0
Ontario	67	14	13	1
Manitoba	9	1	4	0
Saskatchewan	9	0	5	0
Alberta	21	0	0	0
British Columbia	19	1	8	0
Yukon	1	0	0	0
Northwest Territories	2	0	0	0
Total	211	40	30	1

Assistance to Ethiopia

Canada is providing \$250 000 to the League of Red Cross Societies to assist victims of the current drought-related disaster in Ethiopia. The funds will be made available through the Canadian International Development Agency (CIDA).

The situation in Ethiopia has worsened over the past year and there are currently an estimated 5.2 million people affected by the drought with a further 2.2 million people displaced. Canada's aid will help to provide food for vulnerable target groups — children, pregnant and lactating mothers and the aged — and will expand health services for the general population.

The plan of action drawn up by the Ethiopian Red Cross Society will mainly benefit victims in the Korem, Kobo and Alamata areas of northern Wollo, but funds will also be used for short-term actions in other provinces.

Mitel-China phone contract

Mitel corporation of Kanata, Ontario, recently signed a \$1.8-million (US) contract to produce telephone systems in the People's Republic of China. This is Mitel's first contract in the Chinese market, and it is expected to lead to future business.

"The potential market in China for telecommunications equipment is extremely large," said vice-president and general manager of Mitel Asia Pacific Region, Bernie Watts. "There are only three telephones per 1 000 Chinese. In North America, there are over 700 telephones per 1 000 people. Mitel sees this venture as the beginning of a long and successful relationship for both parties," he said.

Under the agreement with the Ministry of Chinese Electronics Industry that runs until March 1985, Mitel will provide technical and marketing support and supply subassemblies for the production of its SX-200 private branch exchange telephone system. The ministry's computer industry branch will produce the switch at the Ai Hua Electronics Company in Shenzhen and Peking Wire Communication Company in Beijing (formerly Peking).

Mitel is training some of the Chinese workers in the company's Hong Kong office and will send staff to the Chinese plants. The subassemblies will be exported to China and other components manufactured there. The SX-200 switches produced will be for the Chinese domestic market.

Volcanic vents teem with life off British Columbia coast

A team of Canadian ocean researchers returned in triumph recently after discovering teeming life around volcanic openings as deep as two kilometres under the surface of the Pacific Ocean.

Water gushing from vents under the ocean floor, only 200 kilometres west of Vancouver Island, is hot enough to explode a fish that blunders too close.

The vents in an undersea mountain range called Explorer Ridge act like percolators, bringing up large quantities of minerals and supporting a fantastic variety of sea creatures, the crew of the Department of Fisheries and Oceans research ship *Pandora* reported.

"We found extensive areas of hydrothermal vents. There was a whole area we called Magic Mountain, with spires and chimneys almost four metres high," said chief scientist Verena Tunnicliffe, a biologist from the University of Victoria.

There were very hot volcanic openings whose water poured out at 306 degrees Celsius and cooler vents blowing out billows of grey smoke. Several new species of worms, snails, and spider-like creatures were plucked from the chimneys being formed by the vents.

A mechanical claw on the front of the three-man, mini-submarine *Pisces IV* brought samples of worms, crabs and spiders to the surface, many of them still alive. They will be studied by biologists at the University of Victoria.

Forests of tube worms that look like white soda straws with pinkish red fans on top grow over a metre long on the vents. They

are packed with bacteria that eat sulphur in the water and nourish the worms. A sea crab whose legs measure a metre and a half wide was also captured.

New species discovered in the dives included some arachnids, thumb-size spiders related to the spiders found on land, as well as snails and a variety of slithery red and brown worms.

The vent zones are the equivalent of a series of undersea islands "in the middle of nowhere", Dr. Tunnicliffe said. Sunlight never reaches the bottom at these depths, and the water is thick with sulphur and other minerals that would be toxic to ordinary marine life. But the animals at thermal vents have learned to adapt to the hostile conditions.

"The animal communities are larger than we ever anticipated. It will be interesting to find out how these animals adapt. We will get a better idea of how animals can adapt to stressed environments and pollution," Dr. Tunnicliffe said.

The 306-degree water was the hottest ever found in northern waters. "A fish that swam in front of us just exploded," said Tim Juniper, an ocean ecologist with the Institute for Ocean Sciences in Victoria. "The fish hit 300-degree water, expanded and just burst like a balloon."

In addition to sea life, the scientists broke off large chunks of the volcanic chimneys for mineral analysis. The vents are nature's way of concentrating metals such as cobalt, nickel, iron, silver and zinc. Many of the rich ore deposits in Northern Ontario may have formed originally in vents at the bottom of an ancient sea.



Canadian ocean researchers aboard the mini-submarine *Pisces IV*.

An Oakville-based company builds towers of strength

From its headquarters in Oakville, Ontario a small company literally signals its successes world-wide — it designs, manufactures and installs communications towers.

LeBlanc & Royle Communications Inc. has sold or erected towers in 27 countries, and is the sole Canadian company producing 610-metre towers.

Two firms in the United States make these giants, but LeBlanc & Royle (L & R) is the only one with inhouse installation capabilities.

"Now we're going more into the package concept," says president George E. Patton. "This includes the tower, transmission lines, antenna and often the transmitter; the approach makes us unique in a competitive industry."

The company provides a full range of guyed and self-supporting towers, from light commercial ones for supporting mobile antennas, through medium sizes for microwave, FM radio, TV and cablevision, to heavy-duty erections of heights exceeding 300 metres.

It has a high percentage of the Canadian market including every major phone company and nearly all AM and FM radio and TV stations.

Steady growth

Since L & R started in 1962 it has grown, particularly in recent years, into a multi-million dollar multinational. Affiliated with the following companies, L & R continues to grow through diversification.



George E. Patton, president of LeBlanc & Royale Communications, Inc., joined the company as a tower rigger 20 years ago. So he has, as he says, worked his way from the top down. He became president of L & R about ten years ago.



Canada has one of the most stringent tower design specifications of any country. Computer technology is used extensively in producing the most cost-effective tower designs.

Telecom Tower Services Inc., (TTSI) of St. Louis, Missouri, is the main corporate vehicle for L & R in the US, with offices also in Pittsburgh and Phoenix. TTSI provides maintenance and emergency restoral services.

SR Telecom Inc., Montreal (formerly Farinon SR), produces high-tech microwave communications equipment used by phone companies to extend subscription networks by radio into rural areas where the economics wouldn't justify cable facilities. About 85 per cent of production is exported.

Larcam Communications Equipment Inc., Rexdale (formerly the broadcast division of CGE), makes TV and FM transmitters. It is the only Canadian high-power transmitter manufacturer with models ranging from 250 watts to 30 kilowatts. Fifty per cent of output is exported, mainly to the US. L & R has also acquired an interest in a small producer of towers in Perth, Australia. Each company is autonomous in its operation. L & R Broadcast Services Ltd. is a division providing installation of transmitters and inspection and commissioning of antennas and cables.

Export orders for the L & R group are mainly from Asia, the Middle East, Africa, the Caribbean and the United States, its largest growth market. In April the company opened a sales office in Laurel,

Maryland, to improve penetration of the package concept in the United States.

Stringent specifications

Precise planning, engineering and quality control are essential in tower-building, and Canada has one of the most stringent tower design specifications of any country. If a tower is not manufactured exactly to specification, costly delays occur during field assembly.

Says Mr. Patton: "Our engineers are constantly involved in research and we have sophisticated computer-aided design programs. Computer technology is used extensively in producing the most cost-effective designs."

(Article from Ontario Business News.)

Awards for medical research

Three Canadian doctors will be among this year's recipients of Gairdner Foundation awards for contributions to medical research. The awards, totalling \$100 000, will be presented in Toronto on October 26 by Lieutenant-Governor John Aird.

The Foundation's special \$25 000 Wightman Award, for "outstanding leadership in Canadian medicine and medical science" will be presented to Dr. Douglas G. Cameron of Montreal. He is only the fourth recipient of the award.

"It is tremendous honour," said Dr. Cameron, 67, a McGill University professor emeritus and former physician-in-chief at Montreal General Hospital. "It is the Canadian Nobel" he said.

Two other Canadian doctors have won \$15 000 prizes. Dr. Robert Noble of the University of British Columbia will receive his award for discovery of treatments for leukemia and Hodgkin's disease and Dr. Kresimir Krnjec of McGill University will obtain his for work in brain cell communication which may help in the treatment of epilepsy and Alzheimer's disease.

The other recipients of \$15 000 prizes are Dr. J. Michael Bishop and Dr. Harold E. Varmus of the University of California in San Francisco for work in linking cancer to genes; Dr. Alfred G. Gilman of the University of Texas in Dallas and Dr. Martin Rodbell of the National Institute of Health in Bethesda, Maryland for discovering how hormones contribute to some inherited bone and kidney disease; and Dr. Yuet-Wai Kan of the University of California in San Francisco for discovering genetic techniques to detect the blood disease thalassemia, common in the Mediterranean, Southeast Asia and Africa.

Spar wins largest surveillance system contract

Spar Aerospace Limited, an advanced Canadian technology company, has been awarded an \$85.8-million contract to develop a naval infrared search and target designation system for Canadian and US ships. It is the largest project ever approved under the Defence Development Sharing Agreement between the two countries since its inception in 1963.

Work on the program, which will be funded by the United States Navy and the Canadian Departments of National Defence and Regional Industrial Expansion, will be carried out at Spar's facilities in Toronto and Kanata, near Ottawa. Major subcontracts to Computing Devices of Canada in Ottawa, General Electric Co. in Syracuse, New York and Scientific Atlanta in Atlanta, Georgia are also involved.

The infrared search and target designation (IRSTD) system complements modern ship-borne active radar surveillance capability. It is a passive, electro-optical, ship-borne surveillance system that is able to detect aircraft and missiles as well as observe surface features like ships, coastlines and icebergs.

As a passive system, IRSTD cannot be detected or engaged by anti-radiation missiles and is not vulnerable to electromagnetic jamming. It provides a capability for navigation and station keeping in darkness and bad weather while operating under radio and radar silence.

The equipment consists of an above-decks stabilized scanning assembly and below-decks processing, control and display consoles. It is suitable for installation on ships of about 3 000 tonnes displacement or larger and can readily be integrated with ships' data systems or individual weapons systems.

An advanced development model of the equipment has already undergone highly successful land and sea trials. Incorporating improvements indicated by the trials, Spar will create three engineering development models, two for the US Navy and one for the Canadian Department of National Defence. The full scale engineering development program which will include extensive sea trials to meet full scale military operational requirements, will be completed over the next four and a half years.

A new, multi-purpose air cushion vehicle

Three Ontario companies have achieved a signal success in their joint venture to develop and market a multi-purpose air cushion vehicle (ACV). The Model 140 has been awarded Department of Transport certification and the first craft has been shipped to a customer in British Columbia.

The focus of activity is Air Trek Systems Ltd., operating from the facilities of Omnitech Steel Works in Chatham, Ontario, with the support of consulting engineer Derek Jones

of Jones, Kirwin and Associates in Hamilton. The Model 140 has its origins in a study contract awarded by the Lower Thames Valley Conservation Authority to Jones for the design of an ice-breaking ACV capable of resolving the flooding problems experienced in the Chatham area every spring.

Omnitech saw an opportunity to diversify its operations and utilize the experience gained from more than 34 years in the design, engineering, manufacture and in-

stallation of turnkey systems and special equipment for the automotive, food processing and agricultural industries. Air Trek was incorporated in 1982 and the first Model 140 was shipped last December to VPR Holdings Ltd. in Coal Harbour, British Columbia, to support the logging and mining operations in Quatsino Sound.

After a flurry of activity in the 1960s, the pleasure ACV has virtually disappeared from the Canadian scene, probably due to its performance limitations and high cost. The larger ACVs used for commercial purposes have been developed through the aircraft industry and generally utilize aircraft structural techniques and gas turbine engines.

Cheaper to buy, cheaper to run

The Model 140, a 1 360 kilogram payload craft, is aimed at the commercial market but is appreciably cheaper to both purchase and operate than its relatively sophisticated competitors.

The lower cost of Air Trek's new ACV is achieved through the utilization of welded, marine grade aluminum and a 350-horsepower turbo-charged Caterpillar V-8 diesel engine.

Over-all dimensions of the Model 140 are: length 11.2 metres and width 5.7 metres. The longitudinal sponsons are hinged and can be folded, reducing the width to 2.8 metres for transportation on a flat-bed truck or in a C130 aircraft, or removed for transportation in a standard 12-metre container.

(Article from Canada Commerce.)

Aid for energy in Guinea

Canada has signed an agreement to provide \$4.8 million in assistance aimed at strengthening the energy production capacity and stimulating various economic sectors in Guinea.

Under the administration of the Canadian International Development Agency for Canada and the Société nationale d'électricité (SNE) for Guinea, the project will involve shipment of electrical equipment and machinery to maintain the Conakry distribution network and the Donkea and Grandes chutes stations. The restoration and modernization of SNE's storage facilities in Tombo are also included.

Four Canadian experts will be sent to Guinea to provide technical assistance. Three will teach at SNE's development centre in Conakry and the fourth will act as a consultant in stock management.

The various phases of the project are expected to be completed by 1988.



The Air Trek Model 140 in winter conditions on Lake St. Clair.

Old river boat returns to Rideau Canal



The Citizen

The world's only Durham boat makes its way up the Rideau Canal.

For the first time in more than a century, a Durham boat recently navigated the Rideau Canal.

During the summer the National Capital Commission's (NCC) reproduction of the early nineteenth-century river boat pulled away from the canal in Ottawa and set off toward Kingston to the steady stroke of four massive oak "sweeps", or oars.

The 15-metre boat took three weeks to reach Kingston, where it was shown at the Labatt's Challenge sailing race. The crew of five stopped in 17 towns and villages

along the way, taking part in community programs and carrying ceremonial cargoes from town to town.

The boat, named *Endurance*, was built by the NCC and Parks Canada last year at a cost of \$70 000. It is believed to be the only such vessel in existence; craftsman studied early sketches of the boat during its heyday to get the design.

In the 1830s, there were up to 500 Durham boats on the Rideau Canal system. *Endurance* can be powered by sweeps, poles or sail. It also has a motor for 1984-style travel.

Canada still the largest fish exporter

Canada exported fish and shellfish products valued at \$1.6 billion in 1983, according to *Canadian Fisheries Highlights, 1983*, a publication released in July by the Department of Fisheries and Oceans. Although this represents a decline in Canadian fisheries exports of about 2 per cent compared to the level in 1982, preliminary trade figures from other countries indicate that Canada continues to be the world's fish-exporting nation.

The annual publication contains the latest figures on Canada's fish landings and production for the Atlantic and Pacific coasts and the inland fishery, as well as imports and exports of fishery products.

Total Canadian fish landings in 1983 were 1.3 million tonnes, with a landed value

of \$874 million. This compares to 1.4 million tonnes, valued at \$888 million in 1982.

Distribution

In value terms, exports accounted for approximately 74 per cent of total production. The United States remained Canada's major customer of fishery products, taking 60 per cent of all Canadian fish exports in 1983. The European Economic Community and Japan took 15 per cent and 9 per cent of all exports respectively. With the exception of the important US market, the major export markets showed decreases in sales activity owing largely to adverse exchange rate movements.

Canada imported fishery products

worth \$422 million in 1983, an increase of 19 per cent. The United States was the main supplier, accounting for 63 per cent of all fish products imported in 1983. Other areas from which Canada imports large amounts of fish are the EEC countries, Japan, and Central and South America.

The total quantity of 1983 Canadian fish production was slightly lower than it was in 1982 but the total wholesale value of these products was about 5 per cent higher. The increase in wholesale value was largely attributable to higher prices for shellfish and the higher value-added involved in the shift toward greater canned salmon production on the Pacific coast.

Swimmer crosses Lake Ontario

Marilyn Korzekwa, a psychiatrist from Hamilton, became the first Canadian to conquer Lake Ontario from north to south. After a 21-hour swim from Toronto on August 18, she was greeted in Port Dalhousie, Ontario by some 200 cheering people.

Ms. Korzekwa, 27, had hoped to establish a record and make the swim in 18 hours but she was prevented from making her goal by high waves and powerful currents for much of the 51-kilometre swim. She fought strong currents from the Niagara River, which empties into Lake Ontario some 20 kilometres east of Port Dalhousie, but picked up her speed to 80 strokes a minute when she was about three kilometres off shore.

During the swim Ms. Korzekwa's body temperature and other physical conditions were monitored by Dr. Jeff Coates of Hamilton's McMaster Medical Centre. She had swallowed a tiny transmitter to assist in research efforts to determine weight and fluid loss as well as muscle damage experienced by marathon swimmers.

Her body temperature dropped to 36 degrees Celsius, only one degree below normal, which Dr. Coates attributed to the female's higher percentage of body fat. He said she was a bit dehydrated from the swim but, other than that, was physically fine.

Nominated as the Ontario amateur athlete of the year, Marilyn Korzekwa had been swimming about nine kilometres a day since January to prepare for the crossing. Previously she swam across Lake Ontario from Niagara-on-the-Lake to Toronto in September 1983 and hopes to tackle the English Channel in 1987.

Early modern furniture acquired by Ontario museum

Five pieces of furniture, recently acquired with the help of a grant from the federal Department of Communications under the Cultural Property Export and Import Act, are on view at the Royal Ontario Museum (ROM). The furniture was designed by Charles Rennie Mackintosh (1868-1928), an internationally renowned pioneer in the modern movement of architecture and interior design. The ROM pieces, created between 1902 and 1904, are representa-

tive of Mackintosh's most creative period.

The ROM's new suite, of white painted wood, enamel, ebony, mother-of-pearl and silver, includes a cabinet, a washstand, a bed, a chest of drawers and a mirror. Considered classics of the formative years of the modern movement, the pieces exemplify Mackintosh's elegant simplicity and geometric purity of form.

The furniture, brought to Canada in the 1930s, was to be sold at auction

A living air museum for Canadian aircraft collection

Canada's national historic aircraft collection is to be housed in a new aviation museum that will accommodate the nation's aeronautical collection. The new museum will provide the environmental control needed to preserve the collection which dates from the early 1900s.

The museum will be built at Rockcliffe Airport in Ottawa. The existing STOL (Short Take-Off and Landing) hangar and terminal buildings will be integrated into the complex to provide maintenance facilities and office space. Existing runways and taxiways, built during the Second World War, will be retained for use during air shows and by the Rockcliffe Flying Club.

The new steel frame museum building will have a display and storage area of 14 000 square metres, and its triangular form will reflect the configuration of runways of an operational airport.

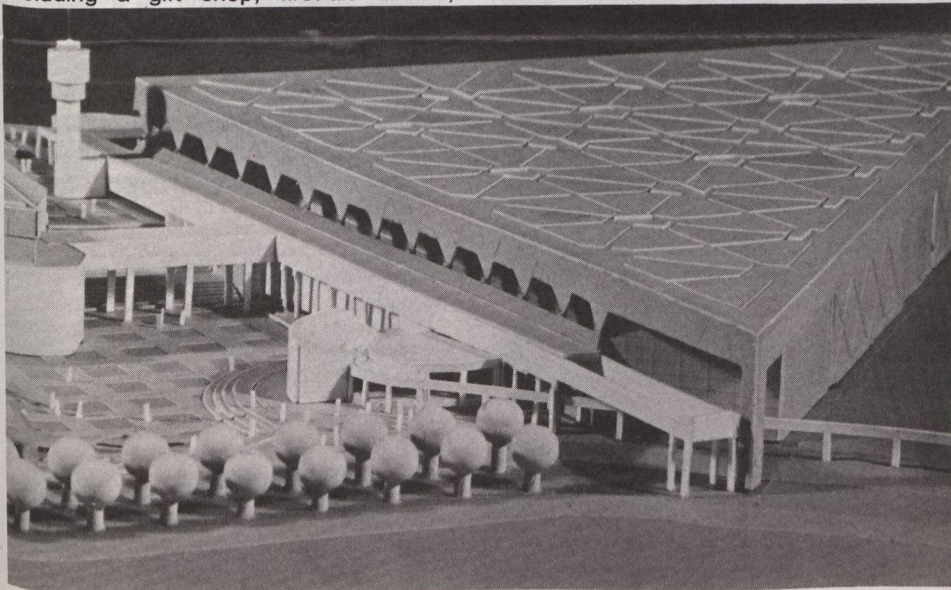
The spine portion of the display building, which is to house public facilities including a gift shop, first-aid centre,

coat room and washrooms, will have an exterior of white porcelain enamel steel panels. The remainder of the building will be faced in silver-grey panels.

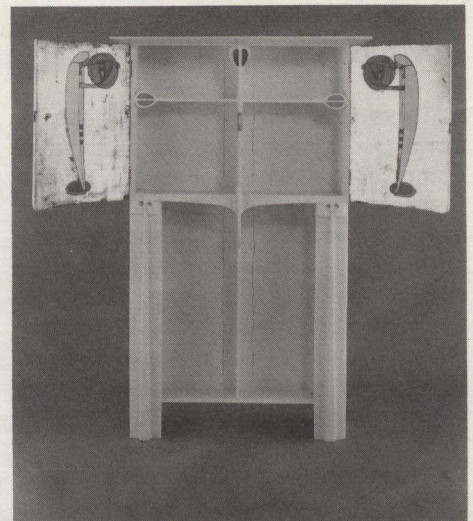
Extensive daylighting

The building will have a structural steel frame with clear spans of up to 45 metres. Daylighting will be used extensively in the display area, and fibreglass baffles will be installed to protect the collection from exposure to direct sunlight. Planes will be able to move in and out of the building through two doorways 45 metres wide by 13 metres high.

The design reflects the National Museum's concept of a "living air museum" for this historic aircraft collection, which ranges from a full scale copy of the *Silver Dart* to the Robert McDowall monoplane, believed to be the only surviving pre-1914 Canadian built aircraft, to the *Argus*, the largest air-carrier of its kind ever built in Canada.



Model of new National Aviation Museum to be built at Rockcliffe Airport, Ottawa.



Royal Ontario Museum

Cabinet of white-painted wood with design of mosaic glass and silvered metal mounts. (Charles Rennie Mackintosh, 1902.)

abroad until the Department of Communications designated the pieces as nationally significant. In awarding the grant to retain the pieces in Canada, former Communications Minister Francis Fox described the suite of Mackintosh furniture as a cultural treasure — comparable to paintings of Old Masters — that should not be lost to Canada.

"With the acquisition of the Mackintosh furniture, the ROM actively enters into the field of collecting the decorative arts of the twentieth century," said ROM director Dr. James E. Cruise. "We hope that private collectors will add to this nucleus and that the Royal Ontario Museum becomes a centre for studies of this stylistically influential period."

Film Canadiana catalogue

Film Canadiana (1980-82), Canada's national filmography containing information on over 2 700 film productions, is now available from the National Film Board (NFB).

This new edition was produced by the computerized catalogue production facility of FORMAT, the NFB's national information system for audio-visual materials. Film titles are indexed by series, producer, director and subject. There is also a directory of producers and distributors of Canadian film.

The publication of *Film Canadiana* was sponsored by the National Library of Canada, the National Film, Television and Sound Archives, and the Canadian Film Institute. Copies, costing \$20, may be purchased from the National Film Board of Canada, P.O. Box 6 100, Station A, Montreal, Quebec H3C 3H5.

News briefs

Three Canadians were among the 18 North Americans who were awarded Carnegie Medals for heroism by the Carnegie Hero Fund Commission. Last month Nova Scotia engineer George MacNeil, who entered a gas-filled hole to save a man; Frank Baine, who helped save two teen-agers from drowning in Georgian Bay in July 1981; and Kristine Milanovic, who saved a seven-year-old boy from drowning in Bosk Lake, B.C. in July 1982, were all honoured posthumously.

The multilingual service of the National Library of Canada in Ottawa, currently has collections in 27 languages. The largest collections of the service, which handles material in languages other than English and French, are in Chinese, Dutch, German, Italian, Spanish, Ukrainian, Polish, Hindi, Hungarian and Portuguese. According to the library's 1983-84 annual report, 27 302 volumes were added to the collections and 38 350 were shipped to deposit centres across Canada during the year.

A working conference on public health policy sponsored through The Health and Welfare Canada's Health Promotion Contribution program is being organized in Toronto, October 9-12, by the Canadian Public Health Association. During the conference Canadian and international policy analysts and policy makers will be invited

to discuss and develop health awareness and health promotion policies. This approach recognizes that better health does not necessarily depend on the health care system but can be achieved through changes in our physical and social environments and our individual and community lifestyles.

One hundred social workers from developing countries are currently engaged in a six-week training course in 20 Canadian institutions. The program, made possible by a \$250 000 grant from the Canadian International Development Agency, was organized by the International Council for Social Welfare/Canada. The courses were designed to perfect the expertise of the participants in areas such as social development, hygiene and the rehabilitation of the handicapped. As part of the program, the social workers participated in three international conferences on social development in Montreal in early August.

The second annual Border Lines Festival of American and Canadian Writing will be held October 2-4, 1984 at the Detroit Institute of Arts. The festival will include representations of readings by Daphne Marlatt, Margaret Atwood, and Marty Gervais from Canada and Leslie Reese, Ed Sanders, and Lewis Warsh from the US.

CAE Electronics Ltd., a subsidiary of Toronto's CAE Industries Ltd., has been awarded a contract valued at more than

\$19 million, the Toronto-based company has announced. For Singapore Airlines, the company will manufacture two aircraft simulators, one for a *Boeing 757*, the other for the *Airbus A-310-200*.

Canada Cooler, a refreshing wine punch marketed by Chateau Gai and Casabello, is now available in liquor stores across Canada. Developed for the large proportion of Canadians who do not like beer or real wine, Canada Cooler has a sugar rating of 5 (a non-diet soft drink rates about 18), 4.5 per cent alcohol and a lemon flavour. Sales will be in six-packs of non-stubby bottles. Makers expect to capture 5 per cent to 10 per cent of the Canadian wine market.

Following the news that Honda will invest \$100 million in an auto assembly plant in Canada, General Motors says it will spend \$225 million to retool its engine plant and foundry in St. Catharines, Ontario. A new fuel-efficient V-6 will be produced. Also, \$764-million plans have been announced by American Motors of Canada to build a state-of-the-art plant in Brampton, Ontario, to assemble up to 150 000 vehicles a year. AMC will introduce a new series of intermediate size cars in July 1987.

The purchase of two de Havilland *Twin Otter* aircraft by Leeward Islands Air Transport is helping to improve air services in the eastern Caribbean archipelago. The \$6.1-million deal, which also involves the supply of spare parts and technical assistance for maintenance, was financed through the Canadian International Development Agency. Four *Twin Otters* have also been acquired by Puerto Rican-based Crown Air which operates in the northeast Caribbean.

The "Battery Park Project", a five-tower complex to be erected on the southern tip of Manhattan Island, New York, will use Quebec granite to cover the walls and floors of all five buildings and the complex's central plaza. Granicor Inc. of Saint-Augustin in the Quebec City area, will be providing 0.1 billion square metres of granite slabs for the project.

Canada Weekly is published by the Public Affairs Branch, Department of External Affairs, Ottawa K1A 0G2.

Material may be freely reprinted. A credit would be appreciated. Photo sources, if not shown will be provided on request to the editor, Carole Stelmack.

Cette publication existe également en français sous le titre Hebdo Canada.

Algunos números de esta publicación aparecen también en español bajo el título Noticiero de Canadá.

Alguns artigos desta publicação são também editados em português sob o título Notícias do Canadá.



A tottering four-day-old lamb at Bronte Creek Provincial Park near Toronto is not too sure it wants to meet Taylor Brown, 3, of Oakville, Ontario.