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A sweet season for maple syrup production

Producers of maple syrup in Canada are expecting good to excellent crop yields and high quality syrup this year because of the series of warm days and frosty nights in many areas during April. Weather is the most important variable in the production of the syrup and cold nights averaging about -5 degrees Celsius and warm days of 10 degrees Celsius help to ensure a good harvest.

Clarence Coons, agriculture and forestry co-ordinator with the Ontario Ministry of Agriculture and Food in Kemptonville, Ontario, said that in some areas where snow and colder temperatures prevailed, the sap was still running late in April and the quality of the crop was expected to be very high.

Maple syrup, the natural sweetener, and other maple products, come from the sap of the sugar maple tree which grows only in North America. And Canada is the leading producer with about 70 per cent of world production. Canada is also the leading exporter and Canadian maple syrup and its by-products such as maple sugar, maple candy and maple butter are enjoyed in the United States, Europe and Japan.

Quebec is the heart of maple syrup production in Canada with about 90 per cent; the remainder is produced in Ontario, New Brunswick and Nova Scotia.

The first Canadian commercial maple sugar operation was started by Madame de Repentigny in Quebec on Montreal Island in 1705. In a letter to the government of New France it was reported that her company alone had produced more than

1.4 tonnes of maple sugar that year.

Today, with favourable conditions, more than 20 000 tonnes can be harvested in a single year.

Lengthy operation

The maple sap is collected drop by drop from maple trees in the early spring. Settlers used to bore holes in the trees and hang their wooden buckets to catch the drip. Now, tree-to-tree systems of plastic tubing transport the sap directly from trees to storage tanks at the 'sugar shack'. This system, in use at more than 65 per cent of Canadian maple syrup operations, reduces losses by spillage, requires less labour and increases production.

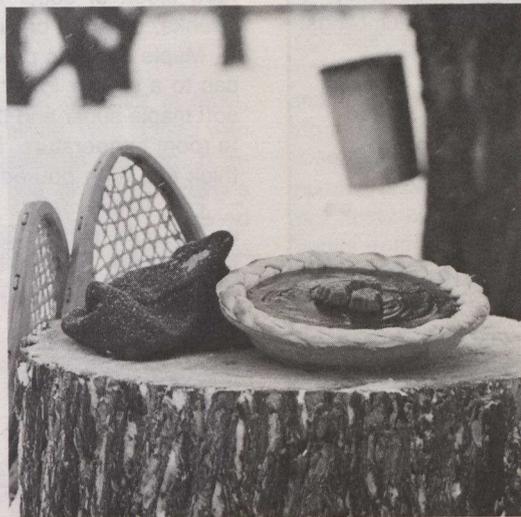
The collected sap, which is thin, barely sweet and colourless, is strained, then boiled down to syrup at 104 degrees Celsius in flat metal tanks called evaporators. Since the sap is at least 96 per cent water, it takes many hours to boil down to the density required for maple syrup.

The syrup is filtered and bottled or canned while still hot to prevent mold formation and loss of colour and flavour.

The deliciously distinctive maple flavour and texture is produced only when the sap is boiled down to syrup. About 40 gallons of maple sap must be evaporated to produce a single gallon of pure maple syrup.

Other maple products

For soft maple sugar, the sap is boiled to a higher temperature than for syrup. It is cooled to lukewarm and stirred until it is a dull-yellow colour and immediately poured



Maple syrup pie topped with maple sugar candies is considered a real Canadian treat.



External Affairs
Canada

Affaires extérieures
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Serving suggestions

Maple syrup, Canada's natural food sweetener, is used directly as a topping for foods like pancakes or as a flavouring, sauce, glaze or sweetener. It can be substituted for white sugar: for every 250 mL white sugar, replace with 250 mL maple syrup and decrease the liquid by 115 mL. It can also be used in recipes for cooking everything from meats and vegetables to desserts.

Maple grandperes

A traditional French Canadian recipe for maple dumplings.

400 mL maple syrup	2 mL salt
33 mL water	50 mL shortening
375 mL sifted all-purpose flour	200 mL milk
20 mL baking powder	

Combine maple syrup and water; bring to a boil. Sift dry ingredients. Cut in shortening until mixture resembles fine bread crumbs. Stir in milk to make soft dough. Drop from a 15 mL spoon into the boiling syrup mixture. Cover and simmer 15 minutes without removing lid. Serve immediately. Makes about 18 dumplings.

Lamb with maple sauce

2 kg lamb leg	2 mL sage
200 mL vinaigrette dressing	10 mL Worcester-shire sauce
5 mL dry mustard	2 mL dried mint
2 mL rosemary	15 mL lemon juice
1 clove garlic crushed	125 mL maple syrup

Place meat on rack in shallow pan. Combine remaining ingredients except maple syrup and baste roast. Roast 1 hour 30 minutes at 160°C, basting often. Drain off excess fat and remove rack. Pour maple syrup over roast. Cover with foil and roast to desired degree of doneness. Serve meat with sauce from pan.

Maple tarts

50 mL butter	100 mL water
75 mL cornstarch	12 baked tart shells
300 mL maple syrup	

Melt butter and blend in cornstarch. Stir in maple syrup and water. Bring mixture to a boil and simmer until it thickens, stirring constantly. Continue cooking 5 minutes more, stirring occasionally. Remove from heat and cool 15 minutes. Spoon into tart shells. Makes 12 tarts.



Krysta Petrie peers into a sap bucket during a visit to a sugarbush near Pakenham, Ontario.

into moulds. The sugar crystallizes into a block that can be readily cut with a knife.

The sap for hard maple sugar is boiled to a temperature a few degrees higher than for soft sugar and cooled rapidly. When it begins to crystallize, it is stirred until it becomes cloudy, yellowish and very thick. It is then poured into moulds. The resulting hard block of sugar may be broken into chunks, crushed or grated.

Maple butter is produced by boiling the sap to a slightly lower temperature than for soft maple sugar and then rapidly cooling it to room temperature. It is stirred until fairly thick and then poured into containers.

For maple taffy, the sap is boiled as for soft maple sugar, allowed to settle and then poured into containers. The pouring must be done in one operation to prevent crystallization.



Maya Fowlie enjoys maple syrup that has been hardened on the snow.

Support for GATT trade report

Secretary of State for External Affairs Joe Clark and Minister for International Trade James Kelleher have announced Canadian support for the report of the General Agreement on Tariffs and Trade (GATT) entitled *Trade Policies for a Better Future — Proposals for Action*.

The report represents the unanimous conclusions of a seven-member group established in 1983 to study the problems facing the international trading system.

Several recommendations for concerted action which the authors "believe necessary to put the world trading system on the right path", are put forward in the report.

The Canadian ministers noted that the first recommendation, which urged that "the making of trade policy" be brought into the open in each country, is a course of action that Canada has already started with its recent issuance of a discussion paper seeking the views of all Canadians on ways of securing and enhancing our access to markets.

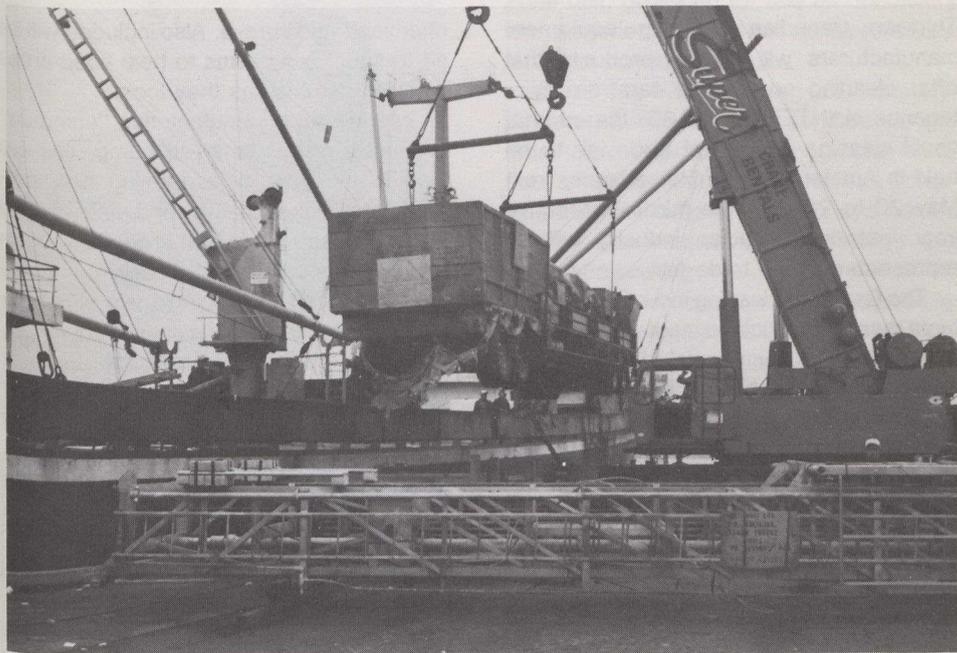
The report also recommends that agricultural trade should be based on clearer and fairer rules; that GATT "codes" governing non-tariff distortions should be improved and vigorously applied to make trade more open and fair; that governments should be prepared to examine ways and means of expanding trade in services and to explore whether multilateral rules can be devised for this sector; and that the GATT dispute settlement process should be improved.

Mr. Clark and Mr. Kelleher remarked on the timeliness of the report as Canada and other countries are concerned about ensuring that the current economic upturn becomes the beginning of a new era of non-inflationary growth, lower unemployment, and rising standards of living. They noted Canada's agreement with the report's emphasis on "open international trade" as a "key to sustained growth" and concern that a "growing accumulation of restrictive measures" threatens the sustained economic growth we all seek.

The ministers expressed their full support for the report's alternative — "a new commitment to open trade, backed up by improvements in the operation of the GATT system" — and concurred with the report's statement that both developed and developing countries have a contribution to make in this process. They said the report's warning that the "benefits" of protectionism are immediate and visible, while its costs are long-term and largely invisible, should be considered further.

Russell Mant, The Citizen photos

Oil rig company with right slant on the Indian market



A Cardwell oil rig is loaded aboard for transport to India.

Cardwell Manufacturing Limited of Edmonton, Alberta exported \$7 million worth of oil rigs to India in 1984, bringing its total sales to the country over the past three years to \$16 million. These 1984 exports were in addition to domestic sales of \$3 million.

Persistence has been the reason for the company's success in India, said Cardwell's president Jim Help, who has made numerous trips there since 1980. He said that export deals for the products he is marketing take up to two years to materialize and, because of that, some Canadian companies become discouraged.

Canadian expertise

Jim Help added that Canada was also known for the high quality of its oil rigs and its expertise in some areas of drilling. "Handling the sour gas of Alberta has given us expertise with hydrogen sulphide. Some wells around Edson have around 90 per cent hydrogen sulphide content. Then there is our cold weather know-how — possibly the best in the world," he said.

Cardwell Manufacturing, which was founded in 1980, was until recently called IPS Oilfield Equipment Manufacturing Limited. Among the products designed and manufactured by the company are complete rig packages including substructures, vehicle ramps, drilling fluid systems, mud tanks with solids control equipment, hydrogen sulphide control equipment, control manifolds, mud pump packages, buildings, boiler houses, catwalks and pipe racks. The company also supplies a com-

plete line of auxiliary equipment and specialized equipment for Arctic and tropical conditions, helicopter rigs, slant well service rigs, and combination conventional and continuous sucker rod rigs.

Sale of large rig

Cardwell's most recent contract in India, valued at some \$2 million, was signed with Oil India Limited, based in Duliajan. It involves the sale of one of the company's largest service rigs, a 60-tonne, six-axled vehicle with a 600-horsepower generator to power the rig. The chassis is built of sheet steel and angle iron.

One of Cardwell's largest deals, the sale of 12 rigs to the Oil and Natural Gas Commission (ONGC) in Delradun, India,

completed in May 1984, was valued at more than \$12 million.

An important development resulting from the business in India was the transfer of technology between Cardwell and the Indian companies. ONGC purchased the technology to build one of Cardwell's service rigs and the company is assisting in starting production in India.

Joint ventures

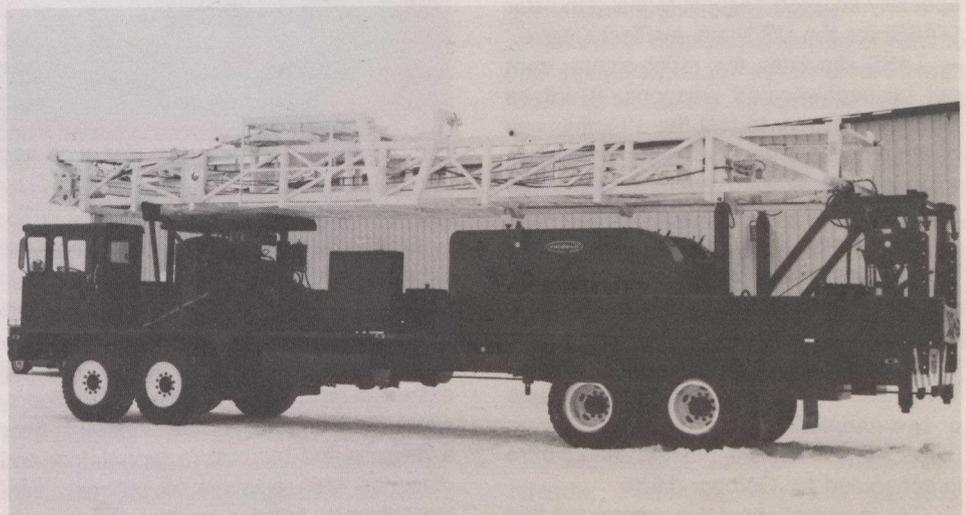
In addition, Cardwell is currently negotiating a joint venture arrangement with Bharat Heavy Electricals Limited (BHEL) to bid on projects by either quoting directly to the buyer and having some of the equipment manufactured and supplied by BHEL, or by having BHEL submit its quote to the buyer, based on buying components from Cardwell and manufacturing the finished product in India.

This arrangement is being negotiated not only for Indian end users, but also for export markets such as Pakistan and Indonesia. Cardwell is also exploring new markets in the Union of Soviet Socialist Republics, Trinidad, Bangladesh and China.

Slanted drill

In the domestic market, Cardwell has a contract for its fourth slant-service oil rig. Slant-hole drilling is a relatively new concept in the oil industry, and Cardwell manufactured the first slant-hole service rig in Canada in 1982.

In slant-hole drilling, the rig can bore a number of wells from one spot by angling the drill from the vertical position. Operating in this manner requires fewer wellheads and greater access to difficult or out-of-reach formations. It is also considered extremely accurate being able to hit a target only 3 metres wide that is up to 700 to 800 metres down and up to 800 metres away.



One of a number of oil rigs available from Cardwell.

Equality entrenched in Charter

A new era in Canadian law began on April 17 when the equality-rights section of the Charter of Rights and Freedoms came into force. It allows Canadians to sue governments and their agencies for discrimination.

Justice Minister John Crosbie said that women, the handicapped, native people and other disadvantaged groups have new rights as Section 15 of the Charter guarantees all Canadians equal treatment.

The Charter of Rights and Freedoms came into force three years ago, on April 17, 1982 with the historic signing of Canada's new Constitution Act by Queen Elizabeth (See *Canada Weekly*, April 28, 1982). Section 15 was delayed so that the federal and provincial governments would have time to bring their statutes into line.

As the governments across Canada have been slow and cautious in amending their laws to make them comply with the Charter, experts predict that many will be challenged in the courts.

The province of Quebec is alone in being unprotected by much of the Charter, since it did not sign the constitutional agreement in 1982 with Canada's nine other provinces and the federal government, and it opted out of sections of the Charter.

Simulator sold to US Navy

Canadian Astronautics Limited (CAL) of Ottawa, Ontario recently signed the contract to supply electronic warfare test equipment to the United States Navy. The \$730 000 contract had been awarded in October 1984.

The 11-year-old high-technology systems development firm will manufacture a specially-adapted Tactical Signal Simulator (TASS) for the US Naval Air Test Centre.

TASS simulates the radar signals sent out by sophisticated weapons. It will be used by the navy to test the effectiveness of electronic warfare systems mounted on experimental aircraft, such as the F-18 fighter plane.

CAL has modified TASS's packaging for the US Navy. Normally mounted on large racks to be housed in laboratories or vans, it has been made "man portable", said CAL's marketing and sales manager Michael Venables. "It can easily be carried by one or two people," he added.

Delivery of TASS to the Maryland centre is scheduled for October 1985.

CAL is one of about five companies that manufactures signal simulators for sale.

Canadian cleaning products featured at INTERCLEAN 85

Thirteen Canadian cleaning equipment manufacturers will display products that offer cleaning power and carefree maintenance at INTERCLEAN 85, the international cleaning equipment trade fair to be held in Amsterdam, the Netherlands, from May 20 to 23. It is the third consecutive year that the Canadian industry will be represented at the trade fair.

The Canadian cleaning industry manufactures durable products to meet virtually every residential and commercial cleaning need and the companies have enjoyed increasing success in both national and international markets. Over the past five years, the annual export sales of cleaning products have risen from \$500 000 to more than \$6 million.

Variety of products

Canadian companies supply powerful vacuums, hot water extractors, buffers, burnishers, scrubbers and chemicals which leave any surface looking brand new — even ceilings. These products not only remove dust, dirt, grime and germs, they help to prevent their return.



The compact TV6 vacuum for wet and dry commercial jobs is manufactured by Michael's Equipment.

Standard cleaning products that will be on display at the Canadian exhibit in Amsterdam include equipment and tools which scrub, polish and disinfect virtually any surface. For carpets, there are soil extraction machines and vacuums; for floors, squeeze wringers, mops, resilient floor sweepers and buffers; for upholstery and draperies, stain removers; for ceilings, cleaning solvents; and for general cleaning, an assortment of abrasive pads, disinfectant

chemicals and sprays. Also included will be air freshening systems to help keep areas smelling as clean as they look.

In addition to manufacturing "standard" products, many Canadian companies are leading the way in developing new products that make cleaning and maintenance easier. These include built-in central vacuum cleaning systems, electronically-controlled floor scrubbers, plumbing tools which remove clogs without using caustic chemicals, and hand and hair dryers which eliminate paper towel waste.

Three recent additions to Canada's line

Participating cleaning companies

- Avmor Ltée of Montréal, Québec — electric hand and hair dryers, and janitorial chemicals and supplies;
- Budd Vacuum Company of Guelph, Ontario — built-in vacuum cleaning systems;
- Burnside Equipment Limited of Downsview, Ontario — hot water extractor carpet cleaners, vacuum cleaners, floor polishers and chemicals;
- Cancot Industries Inc. of Montréal — wet mops, dry mops, floor sweepers and mop handles;
- Empro Manufacturing Inc. of Bramalea, Ontario — nylon and polyester floor pads, nylon hand pads, utility pads and absorbent sponges;
- Fabri-Zone International Inc. of Toronto, Ontario — ozone purification cleaning units for carpets, upholstery and draperies;
- Hayden Manufacturing Co. Limited of Richmond, British Columbia — custom fittings for built-in central vacuum systems;
- Michael's Equipment (Ottawa) Limited of Ottawa, Ontario — industrial vacuum cleaners and floor machines;
- R.A. Morrison Industries Inc. of Saint-Laurent, Québec — anti-skid, interlocking floor mats;
- Nautavac Corporation of Stouffville, Ontario — compact carpet soil extraction machines;
- Scrubking Manufacturing Limited of Thornhill, Ontario — battery-powered automatic floor scrubbing machines;
- White Mop Wringer Co. of Canada Limited of Paris, Ontario — floor wringers, buckets and mopping equipment; and
- G.H. Wood and Company Limited of Toronto — hot water extraction machines, plumbing tools, air freshening systems, and janitorial equipment and supplies.



Fabri-Zone's OZ 1800 purification cleaning unit extracts soil from carpets, while injecting ozone deep into carpet and rug fibres.

of innovative floor cleaning and maintenance products — carpet and fabric ozone purification units, fully-automatic floor scrubbers, and interlocking, non-skid floor mats — will be presented at INTERCLEAN 85.

New floor products

Fabri-Zone International Inc. has introduced two unique products using the natural purifying power of ozone. The revolutionary OZ 1800 carpet purification cleaning unit simultaneously flushes out soil from carpets and injects ozone molecules into carpet



The Jet Plumber, manufactured by G.H. Wood and Company, is designed to unclog toilets, sinks, bathtubs and floor drains without using chemicals or acids.

and rug fibres to eliminate almost all bacterial and microbial activity. The Porto-Zone unit, designed for use on upholstery and draperies, purifies and sanitizes a wide range of surface textiles.

Scrubbing Manufacturing Ltd.'s battery-powered automatic floor scrubber is the most technologically-advanced commercial floor scrubbing unit in the world. The Scrubbing machine uses a transistorized control system with variable speed settings and automatic braking.

The patented cushion-mats designed by R.A. Morrison Industries Inc. provide a long-lasting, comfortable and anti-skid surface for virtually any type of floor, regardless of the environment. The individual tile mats snap together to create a continuous surface and the wrap-around edging attaches to all mat corners. They also offer drainage and resist chemicals, oil, grease, mould and mildew.

Canada's position on Namibia

Secretary of State for External Affairs Joe Clark has issued a statement deploring the establishment of an interim government in Namibia. The text of the Canadian position is as follows:

The government of Canada notes with concern the government of South Africa's announcement with respect to new constitutional arrangements within Namibia and the establishment of an interim government.

We regard unilateral measures taken by the South African government in relation to the establishment of constitutional bodies and the transfer of power in Namibia to be null and void. Arrangements that may be established as a result of such measures cannot have any status whatsoever under the United Nations Settlement Plan.

The only agreed basis for internationally recognized independence for Namibia is UN Security Council Resolution 435, to which Canada is firmly committed. Under Resolution 435 the constitution for an independent Namibia is to be drafted by representatives of the Namibian people chosen in a free and fair election. The government of Canada considers that any actions taken by a so-called interim government for Namibia to be without effect.

Canada deplores this step as it suggests that South Africa does not intend to proceed promptly with the implementation of Resolution 435.

We join other concerned members of the United Nations in urging South Africa to proceed with the implementation of Resolution 435.

Caribbean airports upgraded

Minister of External Relations Monique Vézina has announced that Canada will help improve and upgrade 22 airports in 13 Caribbean Commonwealth countries over the next five years.

The goal of the \$75-million project which is being funded by the Canadian International Development Agency (CIDA), is to ensure that Caribbean civil aviation facilities are of a standard sufficient to permit continued economic growth and development of the region, said Mrs. Vézina.

CIDA assistance to the Caribbean air transportation sector dates back to the 1960s. The current project deals with deficiencies identified by a study undertaken by the International Civil Aviation Organization.



Monique Vézina

The program will concentrate on four areas: airport management and maintenance; fire fighting and rescue; telecommunications and navigational aids; and runway improvements.

Transport Canada will be the implementing agency for the areas of airport management and maintenance and fire fighting and rescue. A Canadian team has established a managing office in Bridgetown, Barbados.

A major emphasis of Transport Canada's portion of the project will be training of airport staff in standards and procedures. Some of it will be on-the-job training with the help of Canadian specialists and some will be formal classroom training in the Caribbean. Other aspects of the training, including courses in crash, fire and rescue work, will be given in Canada.

Delcanda International Limited of Toronto has signed an \$11.7-million contract with CIDA to install the navigational aids and telecommunications equipment and undertake the runway improvements and other civil works. A \$3.3-million contract with N.D. Lea and Associates of Vancouver was signed to co-ordinate and control the entire Caribbean airport project.

In addition, CIDA will purchase and supply a wide range of equipment for the Caribbean airports, including fire trucks, tractors, asbestos suits, helmets, boots and tools.

The airports involved are located in Anguilla, Antigua, Barbados, British Virgin Islands, Dominica, Grenada, Guyana, Jamaica, Montserrat, St. Kitts-Nevis, St. Lucia, St. Vincent and Turks and Caicos.

Asia-Canada management seminar for women

The Canadian Federation of University Women (CFUW) will host a study seminar on women and management in Vancouver, British Columbia, June 22-26, with business and professional women from the Pacific Rim countries.

The CFUW-Asia-Canada Women and Management Seminar will bring together Canadian and Asian women to exchange views and ideas on their mutual concerns and problems in the areas of business, management and entrepreneurship.

"The emphasis of the seminar will be on the challenges and opportunities of micro-technology, new linkages and networks, project twinning, co-operative business

ventures, and women's organizational and managerial strengths," said Member of Parliament Mary Collins, who will be taking part in the conference. "It will also serve as a useful pilot project for possible subsequent activities on women and management involving women in other parts of Canada and in the Third World," she added.

Delegates will attend from 12 Asian countries — China, Philippines, Singapore, Indonesia, Fiji, India, Bangladesh, Pakistan, Sri Lanka, Nepal, Thailand and Malaysia. They are expected to return to their countries with plans of action to twin local business or professional institutions with such institutions in Canada, develop joint ventures or licensing

Energy deal with western provinces

The federal government and the energy-producing provinces of Saskatchewan, Alberta and British Columbia have reached a comprehensive oil and natural gas agreement, The Western Accord, that calls for the total deregulation of Canadian crude oil pricing and marketing, takes steps to make the natural gas industry more market-oriented, and eliminates a number of federal oil and gas taxes or charges, including the Petroleum and Gas Revenue Tax (PGRT), the Petroleum Compensation Charge, and the Canadian Ownership Special Charge.

Federal Energy, Mines and Resources Minister Pat Carney, who reached the agreement with her western counterparts in Vancouver at the end of March, said "the end to controversial energy taxes, and deregulation beginning June 1, 1985, will produce jobs and economic growth throughout the country".

A key element of the accord will be the deregulation of crude oil prices, which will allow consumers to take advantage of decreasing oil prices. These oil prices were frozen at a high level under the old administered pricing system.

A second element of the accord is the phasing out of the PGRT on existing production and its elimination from new production and projects. "This will mean large-scale reinvestment in Canada," said Miss Carney. "And under the terms of the Western Accord, the federal government and those of the pro-

ducing provinces expect such reinvestment to occur. To ensure that it does, we will be monitoring industry performance very carefully," she added.

Another important tax measure in the agreement will permit companies in a non-profit position to compete more equally with the multinational corporations. They will be allowed to offset unused new exploration and development expenditures against the PGRT. In addition, the existing \$500 000 small producers' credit will be supplemented by the introduction of an exemption for individuals of \$10 000 of resource income from the PGRT.

Miss Carney said that Canadian consumers will be protected from the volatility of the international markets. If world prices escalate rapidly, or if security of supply is threatened, the federal government, in consultation with the producing provinces, would take appropriate measures to protect Canadian interests.

For consumers, the minister said the Western Accord maintains natural gas prices at their present level pending the introduction of a new domestic gas pricing regime which will be in place by next November. A joint task force of government representatives will be appointed to work with industry and consumers to finalize the new pricing system.

Miss Carney also said the Petroleum Incentives Program, which provides cash incentives to petroleum companies exploring for oil and gas, will be phased out by next year. The government of Canada will consult with the maritime provinces and territorial governments on appropriate royalty incentives to help spur frontier petroleum investment.



Pat Carney

arrangements with Canadian businesswomen, or work out marketing strategies for women's products from the Third World.

Support for the seminar is being provided under the Canadian International Development Agency's Institutional Co-operation and Development Services (ICDS) program.

The ICDS division promotes grassroots co-operation between institutions, professional societies, co-operatives, unions or other organizations and similar groups in developing countries. They are currently engaged in development assistance programs with related organizations in 82 different countries.

Road information in Manitoba

The Department of Highways and Transportation in Manitoba has installed a pilot videotex information program, the first of its kind in Canada, to provide easier access to comprehensive and accurate information about road conditions in the province.

The program, which is part of the Manitoba Telidon Project, is a series of pilot projects designed to test the cost-effectiveness, economic benefits and service delivery of integrating videotex into the public information delivery systems of the provincial government.

Financing for the pilot project was shared by the federal Department of Supply and Services and the Manitoba Departments of Industry, Trade and Technology and of Highways and Transportation.

Highway and Transportation Minister John Plohman said the program "will provide Manitobans with easier access to up-to-date, accurate information about road conditions throughout the province more quickly and will ultimately contribute towards safer drivers and safer highways".

Videotex, based on the Canadian-developed Telidon system, is a two-way communication system for computer-generated graphic and textual information. The software for the road information program was developed by Infomart.

The videotex terminals were installed in the Department of Highways and Transportation's Road Information Office in Winnipeg as well as its Carman, Portage la Prairie, Brandon and Dauphin offices.

The department's district offices supply road condition information by telephone to the Winnipeg office and this information is entered into the central videotex terminal. The offices receive about 250 enquiries from the public daily during good weather and as many as 900 calls a day during inclement weather.

The Bay Boy tops the list of Genie awards

The Academy of Canadian Cinema awarded *The Bay Boy* the best picture honour for 1984 along with five other Genies during the annual ceremonies in Toronto to acknowledge contributions to the Canadian film industry.

The John Kemeny-Denis Heroux production set in 1930s Cape Breton, won the best screenplay for Daniel Petrie's original script based on his memories of his boyhood in Glace Bay, Nova Scotia. The screenplay award was accompanied by a \$10 000 honorarium.

Other Genies awarded for *The Bay Boy* included: best supporting actor for Alan Scarf's portrayal of a small-town police sergeant; best art direction to Wolf Kroeger; best costume design to Renée April; and best sound editing to Charles Bower and Peter Burgess.



Téléfilm Canada

Louise Marleau, the best actress winner, in a scene from *La Femme de l'hôtel*.

Mario, produced by Hélène Verrier and Jean Beaudin, which deals with a mute youngster living in his own world of make-believe, placed second in academy voting with three Genies. Pierre Mignot won for top cinematography, Bruce Nyznik, Richard Besse and Hans Peter Strobl for best over-all sound production and the best music score was composed by François Dompierre.

The best actor award went to Gabriel Arcand for his popular portrayal of the title character in *The Crime of Ovide Plouffe*, and best actress went to Louise Marleau for the inconsolable actress in *La Femme de l'hôtel*. Supporting actress was Linda Sorenson in *Draw!*

La Femme de l'hôtel took one other Genie, for best original song, *Touch Me*, sung by



Kiefer Sutherland and Leah Pinsent in a scene from *The Bay Boy*, Canada's best picture of 1984.

Quebec pop artist Veronique Beliveau.

Micheline Lanctot was named best director for her film *Sonatine* and André Corriveau received the film editing award for *La Guerre des tuques*.

In theatre documentary, Wayne Arron and David Harel received the award for *Raoul Wallenberg: Buried Alive* and Jon Minnis received the theatrical short award for *Charade*.

Special awards were presented to director Ivan Reitman for his contributions to film comedy; Paul LeBlanc for outstanding hair and makeup design; and producer-film editor Don Haig for over-all contributions to film-making.



Best actor Gabriel Arcand holds his Genie.

Opera première in Europe

The Canadian Opera Company (COC) presented its production of *La Belle Hélène* at the Netherlands Opera in Amsterdam on March 15. The occasion marked the first presentation of a production created by the company on a European stage in its 35-year history.

Jacques Offenbach's *La Belle Hélène* is a rollicking tale of the amorous adventures of Helen of Troy. The acclaimed COC production premiered at the O'Keefe Centre in Toronto in January 1983 and has since been presented at the Washington Opera.

La Belle Hélène was directed by COC General Director Lotfi Mansouri, who staged the production in Toronto. It featured sets and costumes created for the COC by Thierry Bosquet, lighting created by Michael Whitfield, who served as lighting designer for the COC's Toronto production, and choreography recreated by Margo Sappington.

In recent years, COC productions have been presented on stages throughout North America. *Anna Bolena* has been presented in San Francisco and Detroit; *The Merry Widow* in Chicago, San Francisco and Houston; *Falstaff* at the Washington Opera; *Un Ballo in Maschera* in Fort Worth; *Lohengrin*, *Don Giovanni* and *The Flying Dutchman* at the Edmonton Opera; *Rigoletto* in Winnipeg, Edmonton and Hamilton; *Cinderella* at the San Diego Opera; and *Don Carlos* at the San Francisco Opera. In upcoming months, *Otello* will be staged in San Diego; *The Merry Widow* at the Tulsa Opera; and *Anna Bolena* in Chicago and Houston.

Mr. Mansouri has been a frequent guest director with the Netherlands Opera, previously staging *Capriccio*, *Tosca*, *Carmen*, *La Vie Parisienne* and *Arabella*. The latter two productions were also specially designed for Mr. Mansouri by Mr. Bosquet. The two have recently collaborated on a new production of *The Mikado* for the New York City Opera, which will be presented by the COC in January 1986.

Soviet wildlife series

Primedia Productions Limited of Toronto, Ontario is currently in the Union of Soviet Socialist Republics filming a series on Soviet wildlife. Filming began in October 1984 in Moscow, and is scheduled for completion this spring.

The Russian Adventure is the working title for the series, which will be shown on television early in 1986. It has been presold to CBC, TVOntario, Britain's Channel 4, and

A Pan-Canadian Release

Eva Everything

a Soviet television network. The sponsor is Telefilm Canada, formerly the Canadian Film Development Corporation.

The 13 half-four episodes are being shot in 13 locations across the USSR. The series will look at the wildlife and people of the USSR and will highlight Soviet efforts in wildlife conservation and the rehabilitation of a number of rare species.

The film will star renowned conservationist and author, Gerald Durrell. He is the founder and director of the Jersey Preservation Trust which operates a zoo on the island of Jersey in the English Channel, where endangered species are bred and prepared for re-introduction to the wild. Many of his books on wildlife conservation have been published in the USSR.

Vintage aircraft restored

The Aero-Space Museum Association of Calgary, Alberta is currently involved in the restoration of a number of vintage aircraft in its collection, many of which pre-date the Second World War.

Canada Works' aircraft technologists are involved in the restoration project. An additional four people have been hired to identify, classify and enter into a computer an inventory of more than 15 000 aeronautical artifacts, ranging from Second World War vintage aerial cameras to unused, still-in-the-crate ejection seats for *CF-100s*, a Canadian-made plane from the 1950s.

Last summer the restoration of a First World War "portable" Bessener Airplane hangar was begun. The 60-year-old structure was found to be unsturdy, however, as many of the wood bars are rotten and museum representatives have decided to store it until it can be rebuilt inside.

The Association is also seeking funds to build a permanent museum at the Calgary International Airport.

Alberta film honoured

Change of Heart, a co-production between the Edmonton office of the National Film Board and the Canadian Broadcasting Corporation won top honours at the eleventh annual Alberta Motion Picture Industry Association awards.

The hour-long drama won best production of the festival, best drama and best dramatic script, while Anne Wheeler received an award for her direction.

The Alberta association is the only provincial body of its kind in Canada to hand out film awards.

News briefs

Secretary of State for External Affairs Joe Clark has announced that Arthur Kroeger, a senior public servant, will lead a committee to study the US invitation to Canada to participate in the star wars research program. The committee will examine the strategic, scientific and economic implications of the invitation and report back to Cabinet.

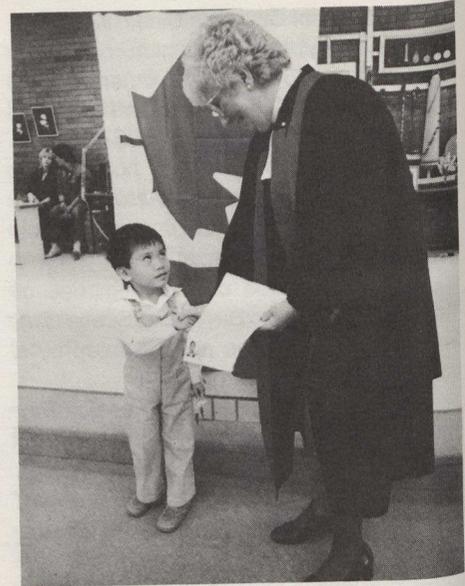
Jonas and Erickson Software Technology Inc. of Willowdale, Ontario has introduced a management system for hotels designed for the MAI/Basic Four line of micro, mini-computer and super-minicomputers. Modules are available for reservations, the front office, switchboard, cashiering, night audit, food and beverage control, guest history and financial functions including general ledger and accounts payable.

The Export Development Corporation has announced a \$29.2-million (Cdn) financing agreement to support a sale by The de Havilland Aircraft of Canada Limited of Downsview, Ontario, to the Ministry of Aeronautics for the Republic of Peru (the Peruvian air force). The sale involves the supply of eight *DHC-6 Twin Otter* Series 300 aircraft, accessories, related spare parts and services, and a package of spare parts for *DHC-50 Buffalo* aircraft purchased earlier by Peru. The aircraft will be used for marine patrol and general transport purposes, including scheduled air services to remote parts of the country.

Minister of Energy, Mines and Resources Pat Carney and Minister of Indian Affairs and Northern Development David Crombie recently tabled the third annual report of the Canada Oil and Gas Lands Administration in Parliament. The report, covering oil and gas activity in Canada in 1984, notes that 43 exploratory and ten delineation wells were completed. Eleven discoveries were made, more than doubling the figure of five for 1983. There were two discoveries of oil, three of oil and gas, and six of gas or gas and condensate. Estimates of discovered oil and gas in the Canada Lands, including revisions to earlier finds, now stand at 409 million cubic metres of oil and 959 billion cubic metres of natural gas.

Canadian newsprint exports to the southern United States increased more than 18 per cent in 1984 to 1.1 million tonnes. Canada is the world's largest exporter of newsprint and has traditionally sold most of its product in the northern US. The northern US remained the largest market, buying 4.4 million tonnes of newsprint during the

Certified citizen



Four-year-old Dong Doan receives his citizenship certificate from Judge Yvonne Kerr. The presentation was part of the Canadian Federation of Vietnamese Associations' celebration of Ontario's bicentennial.

year. The western United States accounted for the remaining 1.1 million tonnes Canada exported to the US in 1984, a 1 per cent increase over 1983 tonnage.

The Alberta Council on Aging has launched a new and innovative program for senior citizens: peer counselling. Seniors who have maintained good health are currently being trained to run health workshops for their peers in seniors' lodges, apartment buildings and small and large seniors' centres. The courses cover stress management, nutrition, physical fitness, personal and community self-help and specific health concerns. It is hoped that the seniors being trained will be able to help their peers follow a healthier lifestyle and thereby reduce the incidence of sicknesses like high blood pressure, osteoporosis and diabetes, common among seniors.

Saskatchewan farmers have shipped 430 head of beef cattle to Varna, Bulgaria. The \$1.2-million sale is for pure-bred Polled Hereford and Aberdeen Angus heifers.

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