

Canada Weekly

Ottawa
Canada

Volume 12, No. 13
March 28, 1984

- Canada pledges 50 per cent slash in acid rain emissions, 1
- Record oil surplus for 1983, 2
- Optimistic outlook for automobile sales, 3
- Minister signs agreements with Cameroun, 3
- Young detective captures poster prize, 3
- Boundary case opens in The Hague, 3
- Pizza popular with Saudis, 4
- New air service links Ottawa and Boston, 4
- Radar technology monitors ice conditions, 4
- Discovery aids battle against disease, 5
- Radio station reflects ever-changing ethnic mosaic, 5
- Canadian Tire moves onto fast track, 6
- Honour from France, 6
- Cancer victim follows Terry's dream, 6
- OECD predictions rosy, 6
- News of the arts — festival, films, music, arts briefs, 7
- Gaetan Boucher on top of the world, 8
- News briefs, 8

Canada pledges 50 per cent slash in acid rain emissions

Canada's environment ministers have agreed to cut in half by 1994 the amount of sulphur dioxide this country spews into the air.

Following a recent meeting with provincial environment ministers and senior officials, Environment Minister Charles Caccia announced that they had formed a working group to determine how to meet the goal. Such a commitment is expected to cost between \$10 billion and \$20 billion over two decades. That is a rough estimate of the cost of building, financing and operating new equipment needed to help save Canada's environment from destruction by acid rain.

In a statement following the meeting of environment ministers, Mr. Caccia said, "We will proceed independently from the United States in developing a Canadian solution on the matter of acid rain and we hope that the US will join us at the earliest possible date."

Ministers reaffirmed their agreement on the need to reduce wet sulphate depo-

sition to 20 kilograms *per hectare per year*, the level which lakes and rivers can tolerate without damage occurring. Reaching this level in the sensitive areas of eastern Canada will require emission reductions of up to 50 per cent in Canada and major emission reductions in the United States.

The price tag of such a reduction has a wide spread for a number of reasons, including the need to develop some new industrial processes and the uncertainties of nuclear power costs. Nuclear plants can replace coal-fired plants, which produce air pollution.

The cleanup means cutting sulphur dioxide from major polluters across eastern Canada by up to about 2.2 million tonnes a year by 1994. Most of the bite will come out of the smokestacks of five big smelters.

Canada is basing its promise on the 4.5 million tonnes a year of sulphur dioxide that the polluters were allowed to emit in 1980. Actual pollution was



Ontario's Environment Minister Andrew Brandt (left) states his province's position on acid rain as federal Environment Minister Charles Caccia (centre) listens.



External Affairs Affaires extérieures
Canada Canada

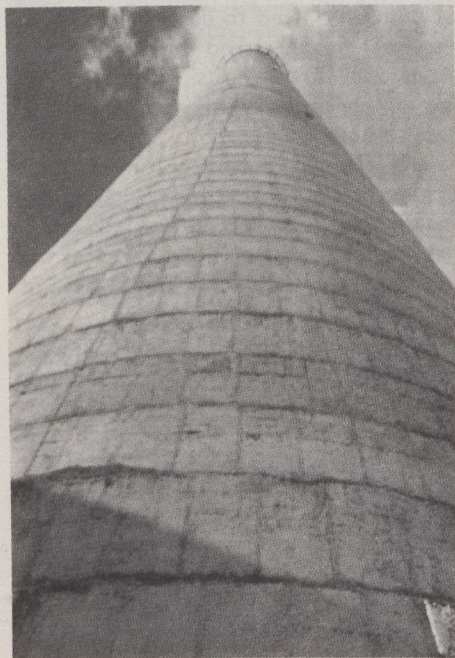
about 3.8 million tonnes because of the recession.

Possible controls

In a recent interview, Environment Canada acid rain expert Alex Manson outlined possible controls that could be used on the biggest polluters east of Saskatchewan.

The Inco Ltd. smelter in Thompson, Manitoba, fourth biggest source of sulphur dioxide in North America at more than 400 000 tonnes a year, could get a plant to capture roughly 70 to 80 per cent of the gas as sulphuric acid. This contained acid can be sold for industrial uses. The plant would cost about \$100 million.

The Hudson Bay Mining and Smelting Co. Ltd. plant in Flin Flon, Manitoba, which puts out about 300 000 tonnes, is under study to see if a new process can be introduced to reduce its pollution.



Friends of Boundary Waters Wilderness

Inco Ltd. in Sudbury is the target of further sulphur dioxide reductions.

In Ontario Inco Ltd. in Sudbury, North America's largest single source of sulphur dioxide, has long been targeted for further reductions. Now regulated to 729 000 tonnes a year from its two Sudbury smokestacks Inco could reduce that to as little as about 100 000 tonnes.

A large chunk could be accomplished by rebuilding the nickel smelting section, which would offer some payback by lowering production costs. The rest of the cleanup would involve adding pollution controls to the copper smelting area.

Cost of the cleanup is about \$600 mil-

lion or more in new equipment.

The neighbouring Falconbridge Nickel Mines Ltd. in Sudbury could be cut from a permitted limit of 154 000 tonnes a year to as low as about 18 000 tonnes at a cost of about \$60 million.

Ontario Hydro has already been ordered to reduce to about 260 000 tonnes a year from its big coal-burning power plants by 1990. Much of this is based on a switch to nuclear power and potentially the utility could get even lower if the atom power runs smoothly.

Quebec has the continent's No. 2 polluter in the Noranda Mines Ltd., Horne Smelter at Rouyn near the Ontario border, with a 1980 regulated capacity of 552 000 tonnes a year.

Experimental plan too dear

An experimental plan to mix asbestos tailings with sulphur dioxide to produce gypsum has been written off by Noranda as too expensive, leaving the old suggestion of a sulphuric acid plant.

Two solutions have been proposed: a 40 per cent sulphur dioxide reduction costing about \$45 million and a 70 per cent cut costing \$120 million.

Quebec's other big smelter identified for a possible cleanup is Gaspé Copper Mines Ltd. operation at Murdochville. A small reduction in its 91 000 tonnes a year of pollution could be made by improving the sulphuric acid plant.

New Brunswick and Nova Scotia both have coal-burning power plants but the federal-provincial task force on acid rain control must determine whether expensive pollution removal equipment is worthwhile.

There are hundreds of smaller industries burning sulphur-laden oil. There are two ways of reducing the pollution: oil desulphurization and the off-oil program encouraging a switch to electricity and natural gas.

Acid rain is caused by the emissions of sulphur dioxide and oxides of nitrogen from industry, coal-fired electricity plants and automobiles. These substances are transported hundreds of miles, transformed into sulphates and nitrates and fall to earth in rain, snow or dust.

Acid rain damages water systems so they can no longer sustain fish life. Acid rain is threatening forests, slowing their growth and killing seedlings. It is also capable of contaminating drinking water supplies by leaching metals from soils and water pipes. Buildings and monuments are also showing the effects of acidic erosion.

Record oil surplus for 1983

In 1983, Canada became the second-biggest exporter of oil products to the United States, after Mexico, boosting Canada's surplus in oil trade to a record \$2 billion, federal figures show.

In fact, according to new figures released from the Department of Energy, Mines and Resources, Canada had a record-setting year in terms of energy exports of all kinds.

Americans bought \$5.2 billion worth of Canadian crude oil, home heating oil, gasoline, butane and propane. That more than offset the \$3.2 billion worth of crude oil imported from all sources for that portion of eastern Canada beyond Montreal where the oil pipeline from western Canada stops.

In mid-February, the merchandise trade surplus was released by Statistics Canada, but there was no actual breakdown of sales by the industry sector.

In 1983, oil, gas, electricity, coal and uranium sales world wide represented \$8 billion, or more than half of the country's over-all merchandise trade surplus of \$15 billion, officials said. That was up from \$6.3 billion in energy exports during 1982.

Natural gas sales dropped to \$3.958 billion from \$4.754 in 1982, electricity exports were up to \$1.225 billion from \$1.115 billion.

Coal posted a net trade surplus of \$306 million, up slightly, while the surplus in uranium ores, concentrates and isotopes dropped to \$415 million from \$776 million.

Biggest contributor to the increase over 1982 was the new, \$2-billion oil trade surplus. The previous highest surplus was posted in 1974, when \$1 billion more oil was sold by Canada than bought. That year, Canada sold \$4 billion worth of oil almost entirely to the US, but bought \$3 billion from across the world. Now the situation is similar.

"You are now the second largest exporter to the US," said a spokesman for the US state department. "We import four million barrels a day of oil and oil products, and Canada supplies a total of 560 000 a day, or 14 per cent of our imports."

The net result was that in 1983, Canada sold \$262 million more crude oil than it bought; \$1 million more home heating and residual fuel oils, or gasolines, mostly to the US; another \$855 million more butane and propane than purchased.

Optimistic outlook for automobile sales

Canada's "big three" domestic auto manufacturers chalked up a combined 67.9 per cent sales gain in February and all are convinced the booming auto market will continue into the spring months.

General Motors of Canada Ltd., Oshawa, Ontario said its car and truck sales were up 74.4 per cent compared to last year's sales, to 35 866 units.

Chrysler Canada Ltd. of Windsor, Ontario said its car and truck sales, led by its new line of mini-vans, jumped 57 per cent over February 1983 sales to 15 057 units.

Ford Motor Co. of Canada Ltd., Oakville, Ontario said its car and truck sales for the month were up 64.9 per cent from those of February last year, to 16 767 units.

American Motors (Canada) Inc. of Brampton, Ontario said its car sales were up 15 per cent to 2 595 units, while Jeep sales climbed to 571 units, compared with 130 a year earlier.

GM's February sales included 27 811 cars, up 76.6 per cent from those of a year earlier, and 8 055 trucks, up 67.1 per cent since last year.

Minister signs agreements with Cameroun

Minister of External Relations Jean-Luc Pepin announced recently during a visit to Yaoundé, Cameroun, that he signed several co-operation agreements with Cameroun's Minister of Planning Youssoufa Daouda.

The agreements, whose total value is \$77 million, include a multi-sectoral line of credit from the Canadian International Development Agency (CIDA) worth \$50 million and a grant worth \$4 million for studies in areas encompassed by the line of credit.

They also include a CIDA loan of \$22.6 million and a grant of \$0.4 million for a rural electrification project in Central and South Cameroun.

Mr. Pepin took advantage of his visit to Cameroun to inaugurate the new offices of the Canadian embassy in Yaoundé. During his remarks on the occasion, Mr. Pepin recalled the history of Canada-Cameroun relations and under-

lined the fact that the new Canadian chancery was tangible evidence of the excellent relations between the two countries and of the increasing importance of Cameroun to Canada.

An important commercial contract between the government of Cameroun and Janin Construction Montreal was signed during the minister's visit. The contract, which is worth \$18 million and will use Export Development Corporation and CIDA lines of credit, is for the construction of five viaducts as part of the upgrading of the railroad between Douala and Yaoundé.

Mr. Pepin also inaugurated the playing fields of the Jean Tabi College in Yaoundé, a project which was completed with financial assistance from the Canadian embassy, in addition to aid already provided by the Cardinal Léger Foundation. He also had a series of meetings with senior officials and other personalities.



Cameroun's Minister of Planning Youssoufa Daouda (left) with Jean-Luc Pepin.

Young detective captures poster prize



Photo Features

The winner of the Canada Export Trade Month children's poster contest is Sherri Bobowski, age 11, of Saskatoon, Saskatchewan. The contest was one of the educational projects initiated as part of Canada Export Trade Month. It was developed with the assistance of OWL Magazine and had, as its theme for children, to "Become an Export Detective". Minister for International Trade Gerald Regan presents Sherri with a plaque for her prize-winning poster.

Boundary case opens in The Hague

The verbal proceedings in the Gulf of Maine maritime boundary case between Canada and the United States are expected to begin in The Hague on April 2, 1984, according to the International Court of Justice.

The Minister of Justice Mark MacGuigan will attend the proceedings to open the case for Canada.

The decision to be rendered by the Court will settle a dispute between Canada and the United States over the location of the boundary that divides the continental shelf and the 200-mile fishing zones of the two countries off the coasts of the maritime provinces and the New England states. The case centres on the rich fishery resources and potential hydrocarbon resources of Georges Bank. Canada claims almost half of the Bank and the United States asserts a claim to its entirety.

Pizza popular with Saudis

Simon Dagleish expects to sell hundreds of thousands of frozen pizzas, worth close to \$1 million, to Saudia Arabia during the next year.

The success of Dagleish's Aloro Foods Inc., a Mississauga, Ontario company, is one reason an Ontario trade delegation set off to Saudi Arabia recently — to sell popcorn and pizza.

The Saudis are spending more than \$5 billion a year on imported food these days, with much of it going for snacks. If that is what they want, Ontario trade officials think there is no reason why local businesses should not be in on the action.

According to Charlie Milne, a trade specialist with Ontario's agriculture ministry, Saudi Arabia is the world's fourth biggest importer of popcorn, "which is saying something in a country that doesn't have one movie theatre". Popcorn, a favourite "munchie" for cinema-goers in Canada and the United States, is sold in movie houses in vast quantities.

"You can buy popcorn everywhere," says Charlie Milne, so that is one of the items the Ontario delegation tried to sell. Canadian companies have one advantage in that they make the North American-type products the Saudi Arabians want.

That still does not mean it is easy to do a deal, as Simon Dagleish attests. After his initial contacts with the Saudis a year ago, he had to return to Canada and figure out how to make pizzas that satisfy Islamic food laws, which forbid the use of any pork product.

Pork-free sources

Keeping pork out of the sausage meat was not the only problem. Rennet used in cheese and some of the preservatives used in frozen pizza are derived from pork products, so he had to find sources that were guaranteed pork-free.

Then there was a special package design: English on one side, Arabic on the other. It took much time and effort. But it was worth it when the first 25 000 pizzas arrived in Saudi Arabia recently. Simon Dagleish had money for the shipment in hand within days.

Charles Milne hopes this year's trade delegation will do even better than last year's mission, which brought an estimated \$3.2 million in sales to Ontario food companies.

New air service links Ottawa and Boston

The Canadian Transport Commission has authorized two regional airlines, First Air of Ottawa and Pilgrim Airlines Inc. of New London, Connecticut, to introduce competing regular air services between Ottawa and Boston.

The agency said the proposed services could start when First Air received permission from the United States Civil Aeronautics Board.

Radar technology monitors ice conditions

A new type of radar technology developed by Intera Environmental Consultants Ltd. of Calgary, Alberta is being used to monitor ice conditions in the Beaufort Sea.

It is the first commercial application of Star-1, Intera's \$7-million synthetic aperture radar system. Canadian Marine Drilling Ltd., a subsidiary of Dome Petroleum Ltd. of Calgary, is expected to use it regularly during the next several years.

Synthetic aperture radar attempts to obtain high-resolution images without using the large antennas of more conventional radar systems, by employing a large amount of spectral signal processing.

Intera president Brian Bullock says that the system offers high-quality information with virtually no time lag, a service that traditional radar systems cannot provide.

This requirement is designed to prevent Pilgrim from getting a head start on First Air. Pilgrim Airlines Inc. said it now had all the government approvals to start the service.

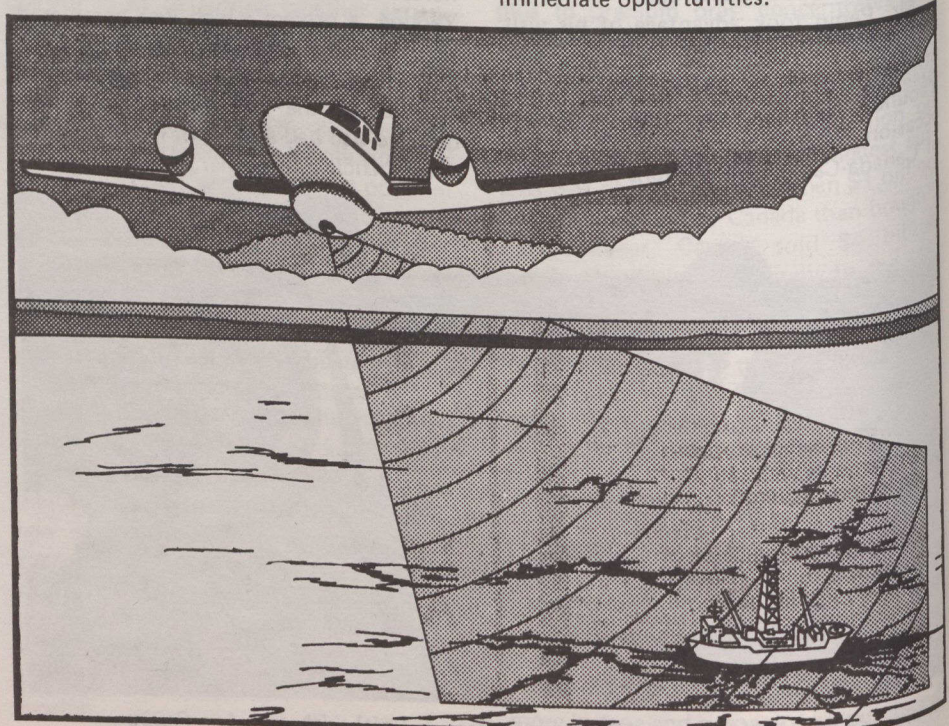
The two airlines said they expected to start their Ottawa-Boston scheduled flights later this year with turbo-prop planes. The two cities currently are not linked by direct regular air service.

"We don't expect any difficulty in keeping the Star-1 system busy all year round," he said.

The system is mounted on a fixed-wing aircraft. A 50-kilometre swath of surface is scanned and the findings are recorded digitally on board the aircraft. The data can also be transmitted immediately to a ground station to be reproduced as a hard-copy drawing.

Star-1 was developed after a synthetic aperture radar research model was purchased in 1975 by the Canada Centre for Remote Sensing, a division of the federal Department of Energy, Mines and Resources.

Intera, given a contract to explore commercial applications of the technology, concluded that ice monitoring for the oil industry offered the most immediate opportunities.



Discovery aids battle against disease

Saying they have found "the holy grail of immunology", researchers at the Ontario Cancer Institute have announced the co-discovery of a key mechanism in organizing the body's defences against disease.

Eight researchers, led by biochemist Tak Mak and postdoctoral fellow Yusuke Yanagi, have identified and cloned a gene which produces a "receptor" protein. This protein helps the body's T-cell immunological system to distinguish body cells from alien cells. A similar protein gene has been produced from mice by researchers at Stanford University in California.

Already used

While Mark Minden, a senior cancer institute scientist, said that he had already used the discovery as a tool to differentiate between types of leukemia and lymph cell cancers, the Toronto researchers were loath to suggest immediate applications to their work.

What they and other scientists who have reviewed their findings believe is that the discovery will lift the veil on the previously hidden workings of the T-cell immunological system (it is called T-cell because the cells are produced by the thymus gland). It is basic research toward understanding how immunologically related diseases evade this defence system.

These diseases include Acquired Immune Deficiency Syndrome (AIDS), leukemia, allergies and rheumatoid arthritis. It may also help explain how transplants are rejected and why the body's defence against cancer often fails.

T-cell mystery

Scientists have been puzzled for at least 20 years by the operation of the T-cells. Unlike the better understood B-cells, they do not produce antibodies to fight disease. Instead, somehow some of the cells become "killer cells", which directly attack foreign cells.

Furthermore, other cells in the T-cell system appear necessary to activate the B-cell system. Both systems are needed to protect the body against infection.

Researchers also know that T-cell malfunctions are linked to auto-immune diseases. These are diseases — such as rheumatoid arthritis, multiple sclerosis and juvenile diabetes — which occur when the immune system mistakenly begins attacking parts of its own body.

Radio station reflects ever-changing ethnic mosaic

As it approaches its eighteenth year on the air, Toronto's Radio CHIN, broadcasting in 30 languages, reflects owner Johnny Lombardi's dedication to the concept of multiculturalism.

The largest multilingual radio station in Canada and one of the most extensive in the world CHIN is steadily adding languages and programs to accommodate new and growing ethnic communities in the Metropolitan Toronto region.

Mr. Lombardi, a first-generation Canadian, said he was deeply influenced by the experiences of his parents who came to Canada from Italy, but never became totally comfortable speaking English.

"My father was just an ordinary construction worker who scratched for everything he had and didn't speak the language," says Mr. Lombardi. "He was like

all the other immigrants who just want opportunities for their families and for the future."

The most outstanding feature about Toronto today is that it is an immigrant city, he believes. "It's no longer Tory Toronto or Anglo Toronto. It's a multicultural Toronto. We're all different and we should celebrate those differences rather than fight over them."

CHIN Radio, however, is not building its future only on immigrants who have just landed. "We're looking at the young people, the children of the immigrants who speak and do business in English but feel very comfortable when they hear another language being spoken or when they hear an accent, who are now totally Canadian but very proud of their heritage. That's our market."

Air time divided

The station has attempted to divide air time according to the size of the various ethnic communities in the listening region. Italian-language programming has the largest potential audience at 426 000 while the Finnish community of 12 000 is one of the smallest.

The station programs in 30 other languages, including English for groups that speak it but are from different cultures, such as the Jewish and Caribbean communities.



Johnny Lombardi's CHIN radio broadcasts programs in more than 30 languages.

Program hosts are drawn from the respective communities, in most cases making their debut in radio with CHIN.

CHIN FM, one of the original owners of the FM antenna, is more diversified, broadcasting news, musical, religious and talk shows around the clock. News and sports are broadcast each half hour in the same language as the programming.

CHIN AM, which goes off the air at 7:30 p.m. so that its signal will not interfere with that of a US station, is a prime beneficiary of a bilateral agreement on radio broadcasting signed by Canada and the United States in January.

The agreement gives Canada access to new or revised AM frequency assignments and CHIN AM is expected to start 24-hour broadcasting by late September.

The AM station, whose signal has been beamed from nearby Mississauga, Ontario for the past two decades, will move to the Toronto Islands at a cost of between \$1.5 million and \$2.5 million. The additional air time is expected to result in a major expansion of the station's Chinese programming.

As he approaches his eighteenth year of broadcasting, Johnny Lombardi said recently: "We celebrate our differences at Radio CHIN...and we interpret our beloved country in over 30 languages to all of those people who have left their homeland to make Canada 'home'...."

Canadian Tire moves onto fast track

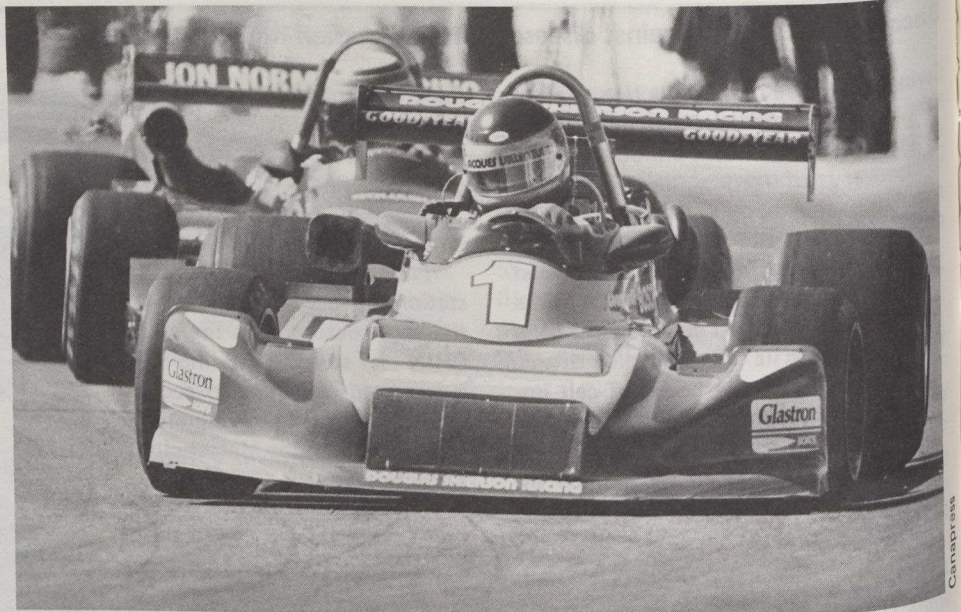
At one time, roller-skating store clerks supported the image of Toronto-based Canadian Tire Corp. Ltd. as a bustling organization with an aggressive promotional stance.

Now, with 360 stores in Canada and more than 80 in the United States, Canadian Tire is moving to a faster track with an entry in the legendary Indianapolis 500 car race in May.

The company will field a full racing campaign with Canadian driver Jacques Villeneuve of St. Cuthbert, Quebec. Mr. Villeneuve, who will race both in the Indy and in the 1984 Championship Auto Racing Teams series (CART), will drive the Canadian Tire car as part of the first all-Canadian team to compete in the series.

Mr. Villeneuve — brother of Grand Prix racer Gilles Villeneuve who was killed in a crash last May — is a world-class driver whose rise in North American racing has been described as "meteoric". This year, he became the first Canadian to win the Canadian-American Challenge Cup since the inception of the series in 1966.

Canadian Tire president Dean Mun-



Jacques Villeneuve will drive Canadian Tire entry in Indianapolis 500.

caster described the company's investment as "significant" with many intangible returns expected in addition to solid television coverage.

"We expect a major payback because of the fact that several of our private label products have been used on the Indy car," he said.

Among the bonus returns on the invest-

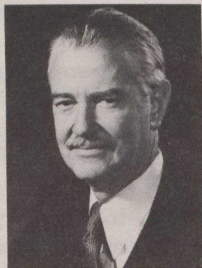
ment has been "tremendous feedback from dealers". In 1982, Mr. Villeneuve lost his car in a crash and Canadian Tire came up with the replacement.

Canadians who have raced in the Indianapolis 500 over the years have not done well. In fact, only one driver has even finished the gruelling long-distance race.

Honour from France

David M. Stewart of Montreal recently received the *Chevalier de la Légion d'Honneur* from the French Ambassador to Canada, Jean Béliard, at a ceremony held at the French embassy in Ottawa.

The award was given to Mr. Stewart in recognition of his efforts to promote and support the French culture both in Canada and in France. Mr. Stewart is president of the Macdonald Stewart Foundation, founder



David M. Stewart

of the Montreal Museum of Decorative Arts (Château Dufresne), and the St. Helen's Island Museum.

In France, he and his foundation have been involved in a variety of projects including the acquisition and refurbishing of Jacques Cartier House in St-Malo, and the presentation of stained glass windows to the Church of Brouage, where Champlain was born.

Cancer victim follows Terry's dream

An 18-year-old Vernon, British Columbia youth who lost a leg to cancer wants to finish what one-legged runner Terry Fox started in 1980 — a run across Canada to raise money for cancer research.

Stephen Fonyo, who had a leg amputated when he was 12 years old, says he has been haunted by Terry Fox's memory and wants to repay society for the \$1.3 million he has received in medical treatment.

He will dip his artificial leg into the Atlantic Ocean at St. John's, Newfoundland, March 31 and hopes to complete the 7 500-kilometre trek to BC Place in Vancouver by October. Terry Fox was overcome by his disease and had to abandon his run at Thunder Bay, Ontario in September 1980. He died a year later.

Mr. Fonyo has been training for a year and has raised \$26 000 to pay his travelling expenses, including \$20 000 from the Pacific Pulmonary Research Society and \$6 500 from Bob Carter, oil-rich owner of the North American Soccer League's Vancouver Whitecaps.

OECD predictions rosy

Canada's economy is heading into its best year since 1976, with the rate of expansion expected to be 5 per cent in real terms during 1984 — according to a year-end review of the world's major economies by the Organization for Economic Co-operation and Development (OECD).

The OECD report says that Canada's gross national product will in 1984 provide a 2 per cent improvement over last year's 3 per cent growth, signalling the best performance since 1976 when the figure was 5.8 per cent.

Growth will be fed by increased consumer spending, a rebuilding of business inventories and a strong market for Canadian exports in the United States. Also on the positive side, inflation will stay down in the range of 5 per cent, the report states.

In its comments on the Canadian economy, the OECD predicts that recovery from the worst postwar recession — that of 1982, when economic output declined 4.4 per cent — will continue during the coming months.

Spring sparkle at Guelph

The Guelph Spring Festival, to be held this year April 27 to May 31, has been called one of the best small festivals of the performing arts on the North American continent. Music, plays, individual performances by internationally known artists, feature in the 18-day event held in halls, churches and community centres in the small university city about 100 kilometres west of Toronto.

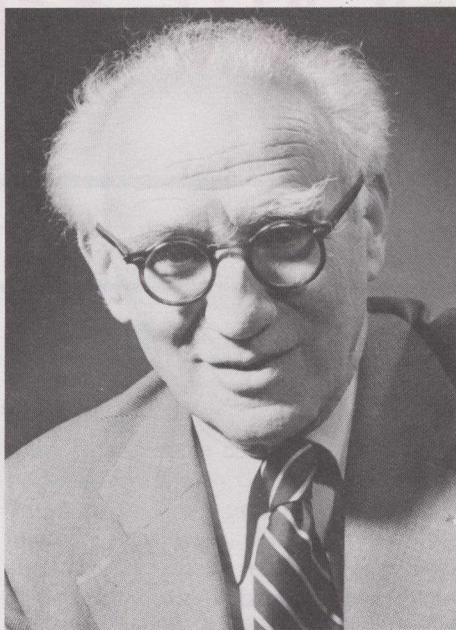
The top attraction at this year's festival will be a production of Gluck's *Orpheus and Euridice* with a new translation of the libretto by Andrew Porter. Mr. Porter is the music critic for *New York Magazine* and has already translated some 24 operatic scores.

Orpheus and Euridice opens on April 27 and stars Janet Stubbs as Orpheus, Heather Thomson as Euridice and Jane MacKenzie as Amor. Conducted by Nicholas Goldschmidt and directed by Bill Glassco, this production features the Toronto Dance Theatre, the Guelph Chamber Choir and the Hamilton Philharmonic Orchestra. Set and costume designs are by the celebrated Belgian designer Thierry Bosquet.

Also featured this year will be Canada's Orford Quartet and the international prize-winning Colorado String Quartet. Bass baritone Simon Estes, who triumphed at Bayreuth, will give a recital



Tom Kneebone and Darcy Dunlop perform the works of Noël Coward.



Sault Daily Star

Artistic director Nicholas Goldschmidt.

of arias and spirituals, while maestro Franco Mannino will conduct the National Arts Centre Orchestra in a program of Prokofiev, Mendelssohn, Rossini and Respighi.

The world *première* of Ken Mitchell's play *Gone with the Burning Sun*, which explores the life of Dr. Norman Bethune — the Canadian doctor who became a hero in China — will run from May 31 to June 4. Tom Kneebone and Darcy Dunlop will re-create the magic of Noël Coward and Gertrude Lawrence on May 13 while the irrepressible Anna Russell will perform her renowned impersonations on May 11 and 12.

For further information contact the Festival Office, Box 1718, Guelph, Ontario, Canada N1H 6Z9.

Two Oscar nominations for NFB

Two National Film Board (NFB) documentaries have been nominated for Oscar awards in Hollywood, USA: *The Profession of Arms*, produced by Michael Bryans and Tina Viljoen, for best achievement, documentary feature; and *Flamenco at 5:15*, produced by Cynthia Scott and Adam Symansky, for best achievement, documentary short subject.

The Profession of Arms looks at the professional soldiers who devote their lives to maintaining military organizations and nurturing the attitudes that go with them. The men in this film are officers from the Israeli, American, Soviet and Canadian forces. *The Profession of Arms*

is the third film in the NFB's award-winning series, *War*, examining the nature, evolution and consequences of warfare.

Flamenco at 5:15 is a half-hour film record of the flamenco dancer and teacher, Susana Robledo. Susana and her husband Antonio are filmed introducing ballet students at the National Ballet School of Canada to flamenco dancing.

Top job for Canadian violinist

Violinist Malcolm Lowe, 30, a native of Hamiota, Manitoba, has been appointed the tenth concertmaster of the Boston Symphony Orchestra, one of the world's leading orchestras. He succeeds Joseph Silverstein, who held the post for 22 years.

As concertmaster, Mr. Lowe will also perform with the highly regarded Boston Symphony Chamber Players, and step into a teaching post with the Berkshire Music Centre Faculty at Tanglewood, Massachusetts. The appointment begins next September.

Malcolm Lowe's previous experience includes concertmaster positions with the Quebec Symphony Orchestra and Regina Symphony Orchestra. He had an opportunity to become concertmaster of the Toronto Symphony in 1980, but turned down the offer to remain in Quebec City.

Arts briefs

An exclusive retrospective of the works of the painter Pablo Picasso will be shown at the Montreal Museum of Fine Arts late next year. The exhibition will feature some 50 canvases as well as sculptures, etchings and ceramic works from the personal collection of the artist and his widow, Jacqueline.

Heartsounds, a major motion picture starring Mary Tyler Moore and James Garner, will be made in Toronto this spring, the film-video office of the Ontario Ministry of Industry and Trade has announced. Although the film is set in New York City, most of it will be made in Toronto at various locations. Shooting will be from April 24 to May 21 and will use an almost entirely Canadian crew. Toronto is now the third-largest film and television production centre in North America, behind Los Angeles and New York.

Gaetan Boucher on top of the world



Gaetan Boucher, winner of four Olympic medals for speedskating, recently added yet another victory to his dazzling record by winning the world sprint speedskating championship in Norway. Boucher won the 1 000-metre event in a time of one minute 14.49 seconds to beat his Soviet rival Sergei Khlebnikov by 44-100ths of a second.

News briefs

The Pope will visit the Mackenzie River valley village of Fort Simpson, Northwest Territories, on September 17, during his visit to Canada, the Canadian Conference of Catholic Bishops has announced. The village, which has a large Indian and Métis population, was selected as a site where the pontiff could meet native people.

Canada will contribute another \$4.7 million to assist children in Africa in addition to the \$12 million it has already given the United Nations Children's Fund, External Affairs Minister Allan MacEachen has announced. The money, which is being channelled through the Canadian International Development Agency, will go toward health care and education in countries such as Niger, Upper Volta and Ethiopia.

A Canadian sweep of the top four positions in a World Cup freestyle ski aerial competition was led by Yves Laroche of Lac Beauport, Quebec. In all, Canadians grabbed seven of the top ten placings in the competition, held recently in Campitello Matese, Italy. The victory, Laroche's third of the season, moved him past teammate Pierre Poulin and into first place in the over-all standings.

United Tire & Rubber Company Ltd. of Rexdale, Ontario has been awarded

a \$297 300 contract for the supply of pneumatic tires to the US army. The tires are being sold to the army under the US-Canada Defence Production Sharing Arrangement.

Canada has agreed to sign the memorandum of understanding negotiated with the Soviet Union in 1983 to provide for refuelling facilities at Gander Airport for Aeroflot transit flights. The memorandum also provides for specific transfer arrangements for crews of Soviet fishing vessels being repaired at the CN Dockyard in St. John's, Newfoundland.

The Glendon College Student Union at York University in Toronto has received a grant from the federal Department of Employment and Immigration to establish a microcomputer literacy centre. The centre, expected to open in May with a staff of 24, will offer short non-credit courses in microcomputer applications software.

The Nova Scotia government has set aside \$250 000 to start a liver-transplant centre, the second of its kind in Canada, to serve the Atlantic provinces. Victoria General Hospital in Halifax, one of the largest kidney-transplant centres in the country, should be transplanting livers within a year. The hospital has assembled a special team of doctors, and expects to transplant about four livers a year. The centre will eliminate the need

to fly recipients to a hospital at the University of Western Ontario in London for surgery.

Thirty-five Canadian publishers will participate in the twenty-first Bologna Children's Book Fair being held April 5-8, 1984 in Bologna, Italy. Increasingly, international readers are buying more and more Canadian books. Produced in English and French, these publications have gained a world-wide reputation — both for quality and content.

An international conference on the effect of increasing demands for Great Lakes water will be held June 12-14. Sponsored by the Ontario government, the conference is expected to attract scientists, technical experts, environmentalists and consumer and user groups.

Control Data Canada Ltd. has opened a Petroleum Resources Centre in Calgary, Alberta. This centre, the fourth established in the world by Control Data, offers the petroleum industry computer-based services, installations and products. Small and medium-sized independents have access to leading technology through the use of vector computers to solve complex three-dimensional reservoir and geophysical models.

A combination bar and restaurant which its owner believes to be one of the largest in North America, is scheduled to open April 3. Lulu's Roadhouse, which contains a 104-metre bar, is located in a former department store between Cambridge and Kitchener, west of Toronto. It can seat 2 000 people for entertainment by live bands, magic shows and comedy acts. Developer Karl Magid says the size of the place will allow him to attract some big names in the music business. Already he has booked Chubby Checker and Jerry Lewis and plans to bring in The Supremes (without Diana Ross) in May.

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, Deborah Cowley.

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.

Canada

ISSN 0384-2312