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Volume 1, No. 5 November 6, 1985



"Exports build Canada" was the focus during October, export trade month, in every sector of the country, from all levels of government to business and industry, education and culture. The objective was to increase export awareness and emphasize the link between exports and the economic future of Canada.

Canadian export excellence, 1

Foreign ministers discuss South Africa, 3

Innovation across Canada: Fire extinguishing agent, Hump Yard Improvement Program, Heat from water, Recycling metals, Integrated circuit, Laser cutting machine, 4-5

BATIMAT 85 offers quality building products, 6

Bumper apple crop will boost exports, 7

More Asia-Pacific trade, 7

Forest machines at Auckland fair, 7

Trade update, 8

News briefs, 8

Archbishop visits Canada, 8

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External Affairs A Canada C

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Canadian export excellence

The 1985 Canada Export Awards, this country's highest export distinction, were presented to 12 Canadian companies that export a range of products and services from nuclear generators or communications products to miniature integrated circuits, grain or technical expertise.

In addition to representing many industrial sectors, these leading Canadian exporters were selected from among small, medium and large enterprises and from every region in the country.

The winners of the 1985 awards were announced by Minister of International Trade James Kelleher on October 8 at a luncheon in Montreal during the Canadian Export Association's annual convention.

Special event

The awards ceremony was one of the more than 150 events that took place in Canada during October, export trade month, and Mr. Kelleher noted that while all the events were important, the awards cere-

mony was "very special". He said that "the presentation of the Canada Export Awards is national recognition of those companies that best embody one of Canada's national objectives: better export performance".

The trade minister pointed out that "the economic well-being of all Canadians depends on our ability to sell our products and services in the markets of the world". In 1984, more than \$112 billion worth of goods and services were exported, accounting for nearly one

third of the country's gross national product, and three million jobs.

The 12 winners were chosen from 200 entries by a selection committee on the basis of outstanding performance through strong growth in export sales, the introduction of new products to the export market, the entry into new export markets and for outstanding service to the exporting community. Their achievements were measured by increases in sales over the three most recent fiscal years.

Wide range

Additional factors assessed included the level of Canadian content, the range of markets where sales were made, the retention of market share against strong competition and the ratio of a firm's export sales to total sales.

The international trade minister noted that the task of the selection committee was extremely difficult this year as "the calibre of the nominees was higher than ever before".

Mr. Kelleher said that this year's winners and all the companies that were considered



Minister for International Trade James Kelleher presents a Canada Export Award to Marcel Desjardins, president of CEGIR.

"have proved that Canada can compete and win in world markets". He added that "they have set a standard of skill and excellence which Canada must aspire to" if it is to succeed in world markets.

Award winners

Reflecting Canada's economic, sectoral and geographic diversity, the following 12 firms received the 1985 Canada Export Award:

Small firms

Process Technology Limited of Oromocto, New Brunswick manufactures and markets equipment for depositing the film on silicon and gallium arseniade wafers during fabrication of integrated circuits. Export sales have grown significantly every year since the firm was founded in 1982 and currently more than 90 per cent of all products manufactured are exported to the United States, Japan and Israel.



Chair controls from Faultless-Doerner are gaining markets in the United States.

- Canterra Engineering Limited of Calgary, Alberta designs and manufactures specialized portable drills, power line construction equipment and off-road vehicles.
 During the past four years, exports, which have been made to every continent except Europe, have grown to represent more than 90 per cent of sales.
- Linear Technology Inc. of Burlington,
 Ontario designs, manufactures and markets
 miniature integrated circuits consisting of
 audio amplifiers for the world hearing aid
 industry and custom and semi-custom integrated circuits with industrial applications.
 Over 90 per cent of the firm's products
 are exported.

Small to medium firms

 Polymer International (N.S.) Limited of Truro, Nova Scotia produces custom de-



Mr. Kelleher (eighth from right) with compassioned Nova Pac bags. The company currently supplies at least 80 per cent of the woven poly-valve bags used by the petrochemical industry in the US.

 Faultless-Doerner Manufacturing Inc. of Waterloo, Ontario manufactures office chair controls and hardware components. The firm has substantially increased its export sales in the US market over the past three years.

Large firms

Babcock & Wilcox Canada of Cambridge,
Ontario manufactures and installs custom
engineered fossil fired steam generators
and auxiliaries for electric utilities and industrial steam users and nuclear generators
and components for Canada reactor systems. The company has increased its export

sales through research and development of new utility boiler designs, financing optimization, countertrade, extended scope engineering and supply and on developing competitive consortiums. Sasl

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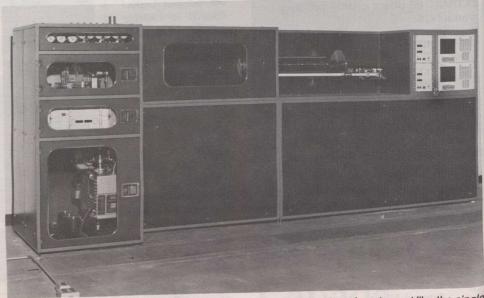
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• Electrovert Limited of Laprairie, Quebec manufactures automated soldering and cleaning equipment for the electronics industry. The company's Century 2000, a computer controlled wavesoldering system used to solder printed circuit boards, has become a world competitor with sales to Britain, France, Japan and the United States.

Agricultural/food processors

 XCAN Grain Limited of Winnipeg, Manitoba was established in 1970 as the export marketing arm of the three Prairie farm-



Process technology has become a leading exporter through sales of equipment like the single stack Low Pressure Chemical Vapour Deposition System.

Department of External Affairs/DRIE

owned co-operatives: Alberta Wheat Pool, Saskatchewan Wheat Pool and Manitoba Pool Elevators. XCAN Grains Ltd. sales volume of almost 2 million tonnes in 1984 was approximately 200 000 tonnes higher than in 1983.

• Fletcher's Fine Foods Limited of Vancouver, British Columbia is a pork processing company for wholesalers and retailers. Exported products include fresh and processed pork items to wholesalers and retailers in the United States, Mexico, Chile, Malaysia and Japan.

High technology

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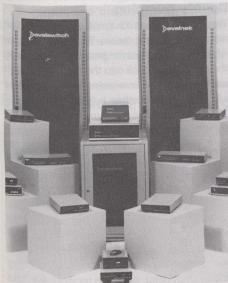
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• Develcon Electronics Limited, based in Saskatchewan, develops and manufactures technologically advanced data communications products. The firm's Develswitch accounts for approximately 90 per cent of export sales into the United States, Europe and Hong Kong.



The Develswitch from Develcon accounts for about 90 per cent of the firm's exports.

Services

- CEGIR, based in Montreal, Quebec, is a service company composed of consultants specializing in the transfer of technology through consulting, technical assistance, training, design and management. With offices in Ottawa, Toronto, Abidjan, Dakar and Manila supported by a network of offices in foreign markets, the firm manages projects and provides expertise to clients of the private, public and parapublic sectors in 25 countries.
- B. Terfloth + CIE (CANADA) Inc. is an international trading house specializing in food and agricultural related products. The firm provides cost effective services in a number of export areas including documentation, packaging, shipping, insurance, foreign exchange, market opportunities and countertrade around the world.

Canadian exports by colliniouity group			
	1975	(\$ millions) 1980	1984
Manufacturing industries Motor vehicles: Cars Trucks Engines & parts Industrial machinery Aircraft, engines & parts Telecommunications equipment Office machine equipment	2 969.8	4 507.3	13 538.9
	1 210.1	2 767.8	5 790.6
	2 211.4	3 615.2	10 106.8
	1 050.2	2 489.0	3 249.9
	497.8	1 720.2	1 985.2
	398.0	1 124.7	2 675.7
	318.0	926.2	1 805.0
Resource processing industries Organic chemicals Woodpulp Newsprint Petroleum & coal products	107.9	937.1	1 346.5
	1 829.1	3 887.1	3 896.0
	1 741.3	3 697.9	4 771.7
	679.6	2 325.8	3 199.5
Resource industries Wheat Fish & fish products Lumber Aluminum & alloys Precious metals in alloys	2 054.0	3 882.3	4 610.5
	451.4	1 265.2	1 591.2
	970.0	3 382.4	4 284.3
	442.1	1 540.9	1 908.9
	472.2	2 057.1	1 217.2
Fuels Natural gas Crude petroleum Coal Total exports	1 165.9	4 035.3	3 918.3
	3 014.3	2 845.6	4 395.7
	493.6	934.0	1 846.6
	33 510.5	76 680.9	112 117.5

Foreign ministers discuss South Africa

Sir Geoffrey Howe, Britain's foreign and Commonwealth secretary, visited Canada September 27-28, after attending the regular session of the United Nations General Assembly.

The visit was made at the invitation of Secretary of State for External Affairs Joe Clark, and provided an opportunity for the foreign ministers and Prime Minister Brian Mulroney to discuss South Africa and the policy of their respective governments regarding the situation. South Africa was scheduled to be a major topic of discussion at the meeting of the heads of government of the Commonwealth countries in Nassau.

Mr. Clark said the problem of South Africa is a Commonwealth responsibility; and Canada has played an honourable and constructive role at previous Commonwealth meetings (notably at London in 1961 and at Singapore in 1971).

During the private meetings, Mr. Clark stressed that both "unity and movement" on the South African situation were essential at the Commonwealth conference. Mr. Howe said that Britain was "ready to listen to what



From left: Sir Geoffrey Howe with Brian Mulroney and Joe Clark in Ottawa.

other countries are preparing to say", but mandatory economic sanctions against South Africa, called for by African Commonwealth countries, would be "counterproductive".

Innovation across Canada

Waterbombers fight fires with foam



Canadair waterbomber discharges a load of Lorcon-Silvex.

An Ottawa-based division of Wormald Fire Systems of Toronto, Ontario has developed a new fire extinguishing agent that enhances the forest-fire fighting capability of Canadair's amphibious waterbomber, the only aircraft in the world specifically designed to fight forest fires.

The chemical agent, Lorcon-Silvex, is mixed with the water that is picked up by the CL-215 twin-engined aircraft through a special on-board injection system developed by Aerospatiale of France and modified by Canadair Limited of Montreal, Quebec. When the mixture is released into the air, it becomes a foamy white blanket that clings

together as it falls on its target.

George Cowan, Wormald product application manager, said about 40 per cent of the foam is absorbed by trees and plants and the rest seeps down to the ground and penetrates up to 25 centimetres into the undergrowth to prevent fires from burning underneath. He added that little foam is vaporized and the mixture smothers much of the fire's smoke.

The mixture has been very successful fighting fires in France and Spain. It was also supplied to the British Columbia forestry ministry during the summer for use on the large fires in Invermere and Canal Flats.

Mine water to heat town

Springhill, Nova Scotia is currently studying a plan to heat the town's buildings with warm water lying in dormant coal mine tunnels far underground.

If the plan proves feasible, home owners, businesses and institutions could save up to 40 per cent on heating bills.

The mines at Springhill, which were the world's largest and deepest coal mines at one time, were worked for about a century. Underground disasters in the late 1950s led to their closure and they have since been flooded.

The idea of using the warm mine water was suggested by Ralph and Kent Ross. Ralph Ross, a Springhill electrician, estimates the underground water temperatures range between 22 and 38 degrees Celsius.

Double pumping

The process would involve pumping the water out of one seam into heat pumps, which would extract the heat before pumping the mine water back into the tunnels through another seam. Warm water from the pumps would then be further heated by conventional oil or electric systems, and circulated by a conventional space-heating system.

It would be a nearly inexhaustable resource, said Mr. Ross, because the mines are so deep – plunging two miles in some places – and the tunnels are so full of water, that it would be quickly reheated after use.

Mayor Bill Mont added that a report by a Halifax engineer contracted by Springhill showed that capital costs for installing the heat pumps, depending on the size of building and system used, could be recovered in two to eight years through energy savings.

Latest technology advances rail operations

Canadian National Railways has begun to implement new operations technology that will eventually include robot locomotives at its Symington Yard in Winnipeg, Manitoba.

The new Hump Yard Improvement Program (HYIP) is expected to make the yard one of the most advanced in North America.

Process control

The first development, to be implemented this fall, is a "process control system" that regulates humping activity.

A "hump", is a specially constructed hill over which yard engines push individual railway cars. As the cars roll down the tracks under their own momentum, they are sorted and sent to specific yard areas to be coupled with other cars.

In the new system, a supervisory computer sends orders to microcomputers, which relay them to devices that slow the cars and route them to appropriate tracks. It then sends a message to another computer that keeps tabs on the location of all cars in the yard.

Signal control

The second improvement, a signal control system, is scheduled to become operational in late 1986. Symington superintendent Keith Heller said most major passenger train yards now use signal systems.

Mr. Heller said a computer-based system with colour graphics monitors will allow opera-

tions tower personnel to easily plot entry and exit routes for freight trains, and issue the necessary track switching commands automatically. "That technology has never been put in the (freight train) yard," he said.

Both systems will interact with and help control an innovative and somewhat controversial robot locomotive control system, which will undergo testing in 1986.

The HYIP is also expected to double the traffic-handling capacity of the Symington Yard. George Engelberg, manager of the program said that "cars can be moved faster, and will spend less time idly in the yard before they are processed and moved out to their next destination".

CN is studying plans to implement the HYIP at its other yards in Edmonton, Toronto, Moncton and Montreal. Pre

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Precious metals recycled from scrap

A new method of recovering platinum and palladium from catalytic converters has been developed at McGill University by Phil Distin and Frankoiszek Letowski, and a pilot plant is currently being built to apply the process.

Financial assistance for the development of the recycling process was provided by Duometal Inc. of Boucherville, Quebec and the Quebec government.

Recovery essential

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Catalytic converters have been installed in North American cars since 1975 to con-Vert toxic gases into non-polluting substances. Japan also requires that most cars be equipped with catalytic converters, and five European countries: West Germany, France, Italy, Switzerland and Austria have legislated the same regulations for 1986.

In Canada and the US, 142 240 kilograms of platinum and 47 752 kilograms of palladium are used annually to build the converters, representing a major consumption of these metals. As a result, scrapped converters are becoming an important source of recycled platinum and palladium and recent achieved by conventional means.

The metals are extracted with acids as secondary reagents and an unnamed principal reagent. The technique generates 284 grams of platinum from 1 016 kilograms of scrap catalytic converters. The mixed platinum and palladium powder produced is similar to primary metals extracted from the earth's crust.

Dr. Distin is optimistic about the future of the process. In the first year of production income at the pilot plant is expected to reach \$2.6 million and the growth rate over the first three years has been forecast at 35 per cent annually.

Plans have also been made for representatives of a Swiss company to study the plant in order to construct a duplicate.

covery rates with the new technique is said to be 98 per cent compared with 85 per

The cutting edge

An Edmonton, Alberta firm, General Systems Research, sees a bright future for its laser cutting machines that can be adapted to cut a wide variety of things from fabric to sheet metal.



Ted Zscherpel, production manager at General Systems Research, stands beside a laser cutting machine that can slice through cloth or sheet metal.

The company, which recently sold a laser cutting machine to General Motors of Canada for more than \$2 million, has received inquiries about the laser cutter from more than 20 countries including West Germany and Japan. They expect to sell more than 175 in the next seven years.

Erick Schmidt, president of the company, said Canada has an excellent opportunity to build a worldwide reputation for industrial lasers, "to get in the forefront of what experts in the world expect to be a high-growth industry in the next number of decades".

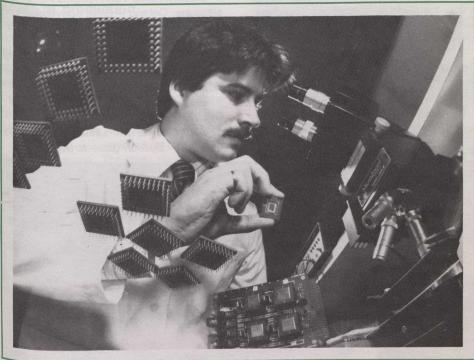
Computers essential

The compact cutter has several hightechnology components, including computers. Products are designed in a computer and the design is then transferred to the fabric by the computer. Computers are also used for inventory control.

Other high-technology components include an emissions scrubber that keeps the air safe around the machine by removing toxic gases produced when lasers burn through synthetic fabrics.

A conveyer belt made out of honeycomb metal carries the material to and from the cutting head. A robot may be added to pick up material from the conveyor.

Better business phones for better business



David Lynch, an engineer with Bell Northern Research of Ottawa, tests a new integrated circuit that he and a team of engineers and technologists designed for Northern Telecom's recently announced advanced electronic Meridian Line of business telephone sets. The chip held by Mr. Lynch, permits data to be transmitted at speeds of 64 000 bits a second, which is about ⁵⁰ times faster than the average modem's transmission speed of 1 200 bits of information ^a second. At the same time, the user has access to another digital channel for normal voice communications. Both the digital voice and data signals are carried simultaneously to and from the telephone set on one telephone wire instead of the two or three required at present.

BATIMAT 85 offers quality building products

Many Canadian firms have gained a reputation for quality in their building designs and products and at BATIMAT 85 in Paris, November 8 to 17, nine companies will demonstrate their expertise by presenting a wide range of products for residential construction.

In Canada about 98 per cent of all houses are built using timber-frame methods and Canadian firms offer manufactured wood products for every part of the house. More than \$350-million worth of these products are exported annually.

Wood products displayed

The Canadian exhibit at BATIMAT 85, which is being sponsored by the Department of External Affairs, will feature an array of wall



Dor-Seal's distinctive ornamental door lites come in a number of motifs.

panelling, moulding, cabinets, flooring, window frames and, for the first time in Europe, a variety of BRUNITE WOOD products. An assembly kit for do-it-yourself construction of complete, traditional-style wood houses will also be presented.

In addition, Canada's largest forest industry association will be in attendance at the show to advise on Canadian wood products and construction materials.

Other items

In addition to wood products, Canadian expertise extends to other types of home construction items. Those on display at BATIMAT 85 include polyvinyl chloride (PVC) and vinyl door and window systems that combine thermal and acoustic qualities with attractive design characteristics for residential, commercial and industrial applications; and distinctive ornamental door "lites" to enhance the appearance of a home.

A patented, glass-enclosed sunroom will also be displayed. The glass-walled structure can be custom built and easily added onto a house to provide a "greenhouse" effect all year long.

Other new and unique products being featured include a specialized fibreglass mesh wall reinforcement and repair tape and a new bidet conversion unit.

Canadian participants

The building products firms representing Canada at BATIMAT include:

- Bay Mills Limited of Oakville, Ontario –
 Fibreglass reinforcement and wall repair tape;
- Council of Forest Industries of British



Fibatape from Bay Mills Limited is used for joining and repairing gypsum board.

Columbia of Vancouver, British Columbia - Canada's largest forest industry association;

- Dor-Seal Limited of Toronto, Ontario –
 Ornamental door lites and sidelites;
- Les Maisons Traditionnelles de St-Paul
 Inc. of Saint-Paul-D'Abbotsford, Quebec
 Do-it-yourself wood home construction assembly kits;
- Modern Home Technologies Inc. of Mississauga, Ontario Bidet conversion unit;
- P.H.-Tech Inc. of Lauzon, Quebec PVC window systems;
- Thermoplast Systems Inc. of Laval, Quebec – Vinyl extrusion door and window systems;
- Prodimex Inc. of Chambly, Quebec BRUNITE WOOD products; and
- Serres Solarium Limited of Granby,
 Quebec Built-on glass structures.



The patented glass Solarium from Serres Solarium can be added to any home to enhance its beauty.



Assembly kits for do-it-yourself construction of traditional-style wood houses are available from Les Maisons Traditionnelles.

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Bumper apple crop will boost exports

Autumn is apple harvesting season in Canada and this year Canadian apple producers are optimistic as the 1985 crop is expected to be larger and better than last year's.

After a record year in 1983 with 484 850 tonnes, total production in Canada's apple industry in 1984 amounted to 440 559 tonnes. Indications this year are that total production will rise significantly.

Exports and imports

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Increased production is expected to lead to increased exports. In 1984, exports accounted for 9 per cent of production and amounted to 49 775 tonnes. British Columbia, one of the country's main production areas, accounted for 70 per cent of total Canadian exports which were sent to more than 30 countries.

B.C. Tree Fruits of Kelowna, British Columbia, which ships more than one million boxes of fruit annually to export markets, is the largest North American supplier of apples.

Imports during 1984 amounted to 98 846 tonnes. The United States is Canada's main supplier, usually providing about 75 per cent of imports.

Areas of production

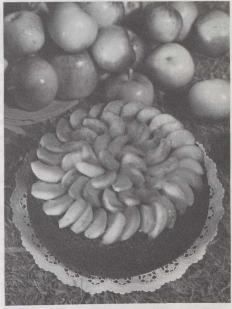
There are five main apple production areas in Canada. They include: the Okanagan and Kootenay Valleys in British Columbia; most of the counties in the St. Lawrence Valley around the lower Great Lakes in southern Ontario; southern Quebec; the St. John River Valley in New Brunswick; and the Annapolis Valley in Nova Scotia.

More than 30 varieties of apple are grown in Canada. The main varieties are the McIntosh which originated in Eastern Ontario, Red Delicious, Golden Delicious, Spartan and Spy.

While many apples are suitable for all purposes, others are especially good for specific uses such as cooking or processing. Crisp, juicy apples with a fine, firm texture, like the McIntosh, Spartan and Red and Golden Delicious are favourite eating apples while tart juicy apples, such as the Spy and Idared, are excellent choices for cooking.

Large industry

Many apple varieties, including Greening, McIntosh and Newtown, are used by the apple processing industry to make pure apple juice, applesauce and apple pie filling. While some processors use only one kind of apple in their product, often two or three varieties are blended to produce a special flavour.



More than 30 varieties of Canadian apples can satisfy every taste.

The apple processing industry is a major component of apple production in Canada. In 1984, 42 per cent of total production was processed with about 70 per cent used for juice and the rest for other products.

More Asia-Pacific trade

A major trade initiative in the Asia-Pacific area was announced by the Canadian government on October 3.

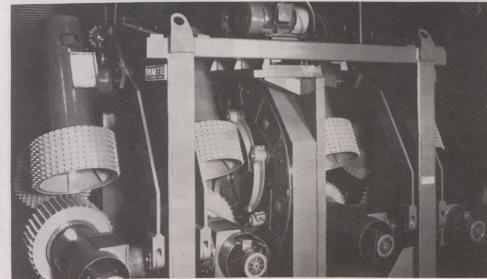
Speaking to the Canada-Korea Business Councils in Vancouver, British Columbia, Minister for International Trade James Kelleher said that an additional \$6.5 million has been committed this fiscal year to increase Canada's trade representation in the Pacific Rim.

Mr. Kelleher announced that Canada would open "a consulate general in Osaka which will be heavily oriented to trade and the acquisition of technology". In addition four more trade commissioners will be sent to China and a consulate will be opened in Shanghai before the end of the year, he said.

"We also have started work on a score of special projects throughout the Asia-Pacific area, and we're considering the merits of several more, including some in Korea," said Mr. Kelleher.

Referring to the trade initiative that Canada is undertaking with the United States, Mr. Kelleher stated: "Nothing we do with our neighbour to the South will in any way detract from our trading efforts in any other part of the world."

Forest machines at Auckland fair



Capable of handling all types of soft, hard and frozen logs, the fully automatic Quad Tri-Roll Debarker from Brunette Machine Works of New Westminster, British Columbia, will be part of the Canadian exhibit at WOODEX '85 in Auckland, New Zealand from November 13 to 16. Sixteen leading companies representing Canada's forest machinery and service industries will present products ranging from skidders, carriages, chippers, edgers, loaders saws and high speed processors to feller forwarders or bunchers and slashers, at the trade fair. The Canadian forest products industry, where expertise is especially strong in tree harvesting and sawmill operations, supplies 20 per cent of the value of total international forest products exports for a net balance of trade of \$10 billion annually.

Trade update

The Bank of Montreal has signed an understanding with the Chinese government to advise and assist the ministry in the financing and building of hydro-electrical projects. This will include advice on feasibility studies and the technical aspects of projects and financial planning for projects if they involve Canada.

Canadair Limited of Montreal has sold five of its Challenger business jets to US companies for a total of about \$60 million (US). These sales bring to 11 the number of new Challenger jets sold this year.

The Canadian Commercial Corporation has been awarded a \$6.8-million (US) contract for the Diesel Division of General Motors of Canada Limited in London, Ontario to produce a mine clearance kit, test sets and related technical data for the US Navy. Delivery is scheduled for June, 1988.

Litton Systems Canada Limited of Toronto has been awarded a \$3.7-million contract to supply an automated test system and related software programs to the Royal Australian Air Force (RAAF). The system will be used to test and diagnose faults in electronic systems on the RAAF's new F/A-18 fighter plane.

Miller Communications Systems
Limited of Kanata, Ontario, has won
a \$177 000 contract with the International Maritime Satellite Organization
(INMARSAT), based in London, to
develop and manufacture a mobilesatellite channel simulator to be used
in a project to extend direct-dial telephone service to aircraft. INMARSAT
will use the device to simulate conditions than can cause signal interference between a moving vehicle and
geostationary satellites.

Northern Telecom Limited of Mississauga, Ontario has announced that its US subsidiary, Northern Telecom Inc., and General Electric Company have signed a \$3-million (US) contract with Carolina Metronet, Inc., for a Northern Telecom/General Electric Advent cellular mobile telephone system to serve the Raleigh-Durham metroplex in North Carolina. The Advent system will operate under the name of Cellular One, Inc. in a high-technology, industrial research and development park near three universities.

News briefs

Investment Canada has launched a two-year, \$10-million domestic and international advertising campaign to promote foreign investment in Canada. the campaign includes increased participation in international trade fairs, plus organizing more foreign missions and seminars to underline the advantages of investing in Canada. As well, the government has compiled a data base on the business environment in Canada for use by potential foreign investors.

Quebec and Alberta have new provincial premiers as a result of the recent leadership conventions of the governing political parties. Pierre Marc Johnson has succeeded René Lévesque as the premier of Quebec and leader of the Parti Québécois and Donald Ross Getty has succeeded Peter Lougheed as premier of Alberta and leader of the Conservative Party in the province.

Energy, Mines and Resources Minister
Pat Carney announced that Canada is one of
21 nations participating in an emergency oilallocation test being carried out by the International Energy Agency from September 20

Archbishop visits Canada



The Archbishop of Canterbury, the Most Reverend and Right Honourable Robert Runcie, receives a rose from well-wishers during his 20-day tour of Canada this summer that included eight provinces and the Yukon. The spiritual leader of the Church of England and 65 million Anglicans worldwide met a cross-section of Canadian society among its one million Anglicans, with visits to rural, urban and native communities, and meetings with business groups and politicians.

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to November 18. Twenty-three Canadian companies and the five oil-producing provinces are involved in the Canadian portion of the test. "The test will also allow Canada to evaluate its own emergency programs, which, in the spirit of the Western Accord, are established to protect Canadian interests in the event of an international oil market disturbance," said Miss Carney.

Some 300 000 participants worldwide raised more than \$4 million for cancer research in the fifth annual Terry Fox Run this year. From the runs organized across Canada and many international locations including Moscow, Tokyo, Belgrade, Cairo, the Golan Heights, Ankara, Oslo and Split Junction, Australia, donations through pledges will bring the amount raised for cancer research, directly or indirectly by Terry Fox, to \$42 million.

The University of Ottawa Medical School will receive \$1 million from Thomas Assaly Jr., founder of General Homes of Canada, to build Canada's first research institute devoted entirely to neuro-muscular diseases. Mr. Assaly has also promised \$300 000 a year for ten years to staff and equip the institute.

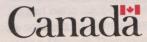
Canada Reports is published by the External Information Services Division, Department of External Affairs, Ottawa, Ontario, Canada, K1A 0G2.

Telex: 053-3745.

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Comments or suggestions from readers are welcome. A credit is requested for any material reprinted.

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



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