

Arctic expedition (cont'd from P. 2)

Arctic is an essential step in the department's Arctic research. Other important benefits deriving from this program include an improved capability to operate from sea ice, the development and testing of technology in Arctic environments, particularly navigation systems, and an enhanced image for Canada as an Arctic nation. In 1979, the successful LOREX experiment over the Lomonosov Ridge near the North Pole proved that Canada has both the organizational and scientific expertise to carry out large Arctic projects. The ability to construct equipment capable of operating in the harsh environments of both polar sea ice and deep ocean was demonstrated during LOREX.

During the 1983 expedition some new technology will be employed, including a sophisticated computer program developed by federal scientists that greatly im-

proves the accuracy with which the position of a drifting ice floe can be determined by tracking artificial satellites. In addition, engineers at the Bedford Institute of Oceanography in Dartmouth, Nova Scotia have developed a seabed corer for CESAR that will allow researchers to collect cores up to 10-metres long from the ocean floor. Previous corers had a penetration of only 3 metres. With this new tool marine geologists, for the first time, will be able to penetrate to pre-Pliocene depths antedating the onset of the Arctic Ocean ice cover.

Reaching this depth is important for two reasons: first, to collect sediments that are uncontaminated by material carried out to sea by the floating ice cover, and second, to study the relationship of ice cover to interglacial periods, in order to determine palioclimates and perhaps to determine the time when glaciation was initiated.

Award for journalistic merit



Hamish McDonald, a Tokyo-based correspondent for the Sydney Morning Herald, is the winner of the 1982 Canadian Award for Journalistic Merit. The award is presented annually to a journalist in the Australian press, radio or television reporting on international affairs in the Pacific area. It is intended to promote interest in and a better understanding of international affairs. As part of the prize, Mr. McDonald will be invited to tour Canada this year as a guest of the Canadian government.

News briefs

Under an agreement between the federal government and Manitoba, the Canada Centre for Remote Sensing (CCRS) has begun the first phase of a new program to transfer to provincial and territorial agencies the techniques it has developed for extracting information from satellite images of the earth's surface. CCRS, a branch of the Department of Energy, Mines and Resources, is Canada's co-ordinating agency for remote sensing. The co-operative program between CCRS and the Manitoba Remote Sensing Centre runs until March 1984.

Eleven furniture manufacturers were recently presented with awards for excellence in design, production and marketing of Ontario-made furniture. The winners of the Trillium awards were selected from about 100 submissions by a jury representing the furniture industry. Trillium awards, which were first presented in 1974, are co-sponsored by the Ontario Ministry of Industry and Trade and the Ontario Furniture Manufacturers' Association.

Preliminary data provided by Statistics Canada indicate that full-time enrolment in Canadian universities increased about 6.5 per cent (25 850) in 1982-83 to some 428 800 students. Provinces which showed the most notable increases in enrolment were Newfoundland (15 per cent), Prince Edward Island (14.5 per cent) and

Manitoba and Saskatchewan (11.5 per cent) with the other provinces recording gains ranging from 4 per cent to 10 per cent.

The board of directors of the Export Development Corporation (EDC) has approved export financing transactions supporting potential sales of up to \$295.67 million to seven countries. Export sales that will result if sales are finalized will create or maintain in the order of 11 430 person-years of employment in Canada and will involve 78 exporters and major suppliers. The transactions include goods and services for the design and construction, on a turnkey basis, of a social and cultural centre, a park, a hotel and an office building.

The First National Occupation Outlook Conference was held recently in Hull, Quebec. Representatives of the federal and provincial governments, business, labour, the academic community and special interest groups were invited to attend the first joint manpower planning conference. The conference, an annual event, provides an opportunity to identify and discuss major trends in labour force supply and demand. The conference allowed participants to become acquainted with the Canadian Occupational Projection System (COPS).

Odds makers are quick to point out you have twice as much chance of being hit by lightning as you do of winning \$1 million. But Montreal bank employee Pierre Casault, who has never been hit by lightning, collected his second \$1-million prize in a recent Super-Loto draw, just 31 months after he had won \$1 million in a July 13, 1980 draw. Loto-Quebec, the provincially-owned lottery, calculates the odds of winning the grand prize twice in 31 months are one in 1 075 308 603.

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