

Fish exports for Nigeria

The federal government and the Fisheries Association of Newfoundland will work together to develop an export market strategy for Newfoundland mackerel in Nigeria.

A federal report, prepared earlier, indicated a substantial and growing market available for mackerel in Nigeria. The analysis also showed that it would be essential to consolidate shipments and sales of Newfoundland mackerel through a common organization in order to achieve the volumes necessary for a viable enterprise.

The Fisheries Association has been offered \$750,000 to act as the co-ordinator and to handle the necessary product assembly and shipping arrangements with the co-operation of the Association of Independent Producers of Newfoundland. The Fisheries Association will also act as the selling agent, using a common packaging for the product.

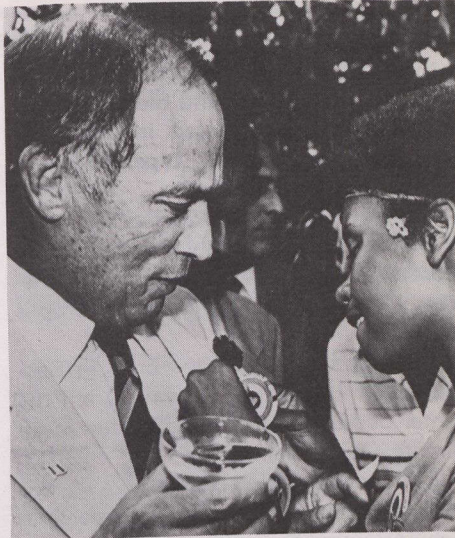
Mackerel is a popular fish in Nigeria, and there is a preference there for the Canadian product because of its larger size. It is anticipated that by 1986 the market could grow to be worth \$50 million to Canada. Fisheries experts estimate a potential annual catch of 120,000 tonnes in North American waters.

Youth look at North-South issues

Young people from 50 countries gathered in Montreal this summer to discuss world problems.

The North-South Youth Assembly was held in the Canadian city at the initiative of Jack Hébert, president of Canada World Youth. The week-long conference ended with the adoption of 85 recommendations which touched on a number of areas: resources — renewable, non-renewable and marine, as well as, nuclear energy — emergency food aid, ways of offsetting water shortages, food hygiene, employment in both industrialized and non-industrialized countries, and the impact of technology. The final report of the assembly was later presented to United Nations Secretary-General Kurt Waldheim in New York.

Canadian Prime Minister Pierre Trudeau attended the closing session of the conference along with Secretary of State for External Affairs Mark MacGuigan, Communications Minister Francis Fox, New Brunswick Premier Richard Hatfield,



Prime Minister Pierre Trudeau receives a pin from a girl at the conference.

Quebec's Minister of Intergovernmental Affairs Claude Morin, Cardinal Paul-Emile Léger, and Malaysian Minister of Youth, Culture and Sports Datuk Mokhtar Hashim.

In a speech to the delegates, Mr. Trudeau paid tribute to the young delegates who he said were determined to implement changes in the world situation.

The delegates voted to make the assembly an annual event and elected a board of directors chaired by Njoroge Karanja of Kenya, with Michael Hope-Simpson of Canada as vice-chairman. The six other board members represent Colombia, the Philippines, Senegal, Sri Lanka, Tunisia and Britain.

Mine safety methods assessed

The federal government has begun a cooperative research program to improve mine safety in Ontario, Minister of State for Mines Judy Erola told a recent meeting of the Canadian Institute of Mining and Metallurgy held in Sudbury, Ontario.

The program, initiated by the Canada Centre for Mineral and Energy Technology (CANMET), is working in cooperation with the Ontario Department of Labour, Denison Mines Limited and Rio Algom Limited, to test and evaluate conventional methods, and work to develop new methods, for detecting fractures and unstable conditions in mine roofs. Mine-roof collapse is one of the most serious hazards in underground mining.

In one of its first projects, the program will test and evaluate a system for detecting mine-roof fractures recently devel-

oped at CANMET's Elliot Lake Laboratory. The system has the potential to locate unstable areas in mine roofs more accurately than existing methods. CANMET is a research organization within the Department of Energy, Mines and Resources.

The CANMET system detects tiny variations in the ability of mine-roof rock to transmit air. In this way, fractures in the rock can be located, and the unstable area can be either supported or blasted down.

The system involves drilling two holes into the mine roof several metres apart. A seal is installed in one hole at any pre-selected depth, and a vacuum is created in the hole. The hole's ability to maintain the vacuum is a measure of the rocks permeability to the flow of air. If the vacuum is lost quickly, a fracture is indicated. A pressure gauge on the second hole will detect any fractures that are continuous between the two holes.

Underground tests show that fractures from one-half to one-millimetre wide, located at depths up to eight metres in the mine roof, can be detected with a high degree of accuracy.

Canada plans for Expo '82

Canada will participate in the 1982 World Exposition on Energy to be held in Knoxville, Tennessee.

The exposition, expected to attract 11 million visitors, will be held between May 1 and October 13, 1982. Energy Expo '82 has been registered by the International Bureau of Expositions (BIE) in Paris, and is the first exposition to be held on the theme of energy. Canada has been active as a host and participant in BIE registered events: Montreal's Expo '67, Expo '70 Osaka and the planned 1986 World Exposition TRANSPORT '86 to be held in Vancouver.

Canada will join at least fifteen other countries in Knoxville in exhibiting its energy expertise. The nature of the Canadian exhibition will be determined by the federal government in consultation with the provinces, and public and private energy companies.

Canada's participation at Energy Expo '82 will be co-ordinated by the Department of External Affairs and is being jointly sponsored by the Ministry of State for Economic Development and Departments of Industry, Trade and Commerce and Energy, Mines and Resources. The project's estimated cost is \$3.5 million.