
Sunken ship seen

A United States warship that sank in Lake Ontario in 1813 was seen for the first time in 167 years recently by a Canadian and a Cousteau Society diver.

"It was the most beautiful thing I have ever seen in my life," said Dr. Daniel Nelson, a St. Catharines dentist who descended into the murky waters 88 metres (about 290 feet) below the surface of Lake Ontario to inspect for the first time the *U.S.S. Hamilton*. It is one of two schooners that he has been working for ten years to locate and hopes ultimately to see salvaged.

Dr. Nelson made the descent in a submersible owned by Jacques Cousteau and operated by Albert Falco, a veteran diver with the Cousteau Society. The *Hamilton* and the *U.S.S. Scourge* were both merchant schooners converted into warships in 1812. They sank in a small tornado off Port Dalhousie in 1813, drowning about 70 crew members.

Electronically detected

Dr. Nelson, who located the ships in 1975 by electronic detectors, said that the vessels could not have sunk in a better place from the viewpoint of preservation, as they are in fresh water with little turbulence and a constant temperature and deep enough to be safe from human molestation.

After extensive negotiations, the U.S. government deeded the titles of the ships to the city of Hamilton in 1978 and the city is co-ordinating plans to raise the money — \$7 million or more — required to fully examine the wrecks, salvage and preserve them. If these plans are carried out, the ships will be the second and third oldest warships ever to be recovered from sea or lake.

After examining the hull of the *Hamilton*, which they found in immaculate condition and coated by a thin layer of seaweed, Dr. Nelson and Mr. Falco discovered a figurehead, a carving of the goddess Diana, after whom the ship had originally been named.

The ships will be examined again next summer. It is expected to be another three years before recovery of the vessels is complete, depending on how quickly the money is raised through donations, Dr. Nelson said. Meanwhile the ships, lying on the bed of the lake seven to eight miles offshore, will be protected by police.

Blind get special service

Julienne Longtin felt her spine tingle and her ears pop as the Nordair 737 jet tore off the runway at Dorval Airport in Montreal, bound for Toronto.

It was the first flight for the 25-year-old woman, and because she is blind, the sensations she experienced were more acute than those of most passengers.

"This is really neat," she said as she ran her fingers over a card printed in Braille to learn more about the aircraft.

Nordair says it is the first Canadian airline to provide in-flight and safety information in Braille and to train its personnel in the problems of the visually handicapped.

Now offered on the Toronto-Montreal run, Nordair plans to extend the Braille service to flights in and out of Winnipeg and Thunder Bay, Ontario later this year.

Trade fair in Edmonton

Centrade '80, an international trade fair, was held in Edmonton, September 16-19 as part of the celebration of Alberta's 75 years as a province.

Some 20,000 visitors and 500-600 exhibitors attended from countries such as Denmark, Austria, Germany, Switzerland, Finland and the U.S.S.R.

The trade fair was supported by the federal Department of Industry, Trade and Commerce, the Alberta Department of Economic Development, International Trade, the city of Edmonton and Edmonton Northlands.

The theme, "Industry, Resources, Technology", was promoted according to these exhibition categories:

- government representatives and trade organizations;
- machinery and products for industry, agriculture, forestry/custom metallurgy;
- construction industry systems and equipment;
- shelter systems — permanent, modular, mobile;
- resource industry — raw materials, semi and finished products/food products and processing systems;
- transportation and materials handling systems;
- power transmission, electrical components and heat transfer equipment; and
- engineering consultants, computer systems and communications systems.

Canada/Japan contest winner



Secretary of State for External Affairs Mark MacGuigan (right) presents Eiko Uchino of Japan with a book on Canada while her brother Masayuki Uchino (centre) looks on. Miss Uchino won an essay contest on Canada sponsored by the Canadian Embassy in Tokyo and the Canada-Japan Society as part of celebrations marking the fiftieth anniversary of diplomatic relations between Canada and Japan. The brother and sister were on a cross-Canada tour.

Energy research contracts awarded

Research grants totalling \$1,220,900 have been awarded to 35 Canadian educational institutions by the federal Department of Energy, Mines and Resources for the fiscal year 1980-81.

The grants are awarded under the department's research agreements program in support of research and development projects in the natural, physical and social sciences and engineering which complement the department's earth sciences, energy and mineral programs.

Approximately \$585,000 (47.5 per cent) of the funds will support research directly related to the department's activities in the field of earth sciences, while \$405,501 (32.9 per cent) will be used to fund energy-related projects. Minerals research will account for \$240,135 (19.5 per cent).

Research in the field of energy will deal with such areas as nuclear wastes, coal coking, wind turbines and energy policy.