

NRC research (continued from P. 2)

power high wind concept. Units have been installed for user demonstrations to allow prospective customers to evaluate the system and undertake cost/benefit analysis.

— Guildine Instruments Limited, of Smiths Falls, Ontario, is developing a lightweight portable model of the NRC salinity temperature depth (STD) probe. The company already manufactures a precision model of the instrument (also an NRC design) intended for great sea depths. Recent work at the Division of Physics has resulted in smaller sets of sensors and logic electronics, thus permitting the design of a portable unit suitable for use by small boats in shallow water (up to 200 m). While the smaller sensors are not as precise as those on the standard STD (effectively a world standard), accuracy is still high. Since the instrument will be used mainly inshore, two other NRC-developed sensors, for pH and dissolved oxygen, are being incorporated in the lightweight probe to increase its usefulness for this type of application.

International activities

Following its creation this year, the Natural Sciences and Engineering Research Council (NSERC), which succeeds NRC's former Office of Grants and Scholarships, is now responsible for the administration of programs of co-operation and exchange of scientists with the Soviet Academy of Sciences (U.S.S.R.); with the Czechoslovak Academy of Sciences; with the Conselho Nacional de Pesquisas of Brazil; with the Japan Association for the Promotion of Science; and with France, as part of the Cultural Exchange Agreement. The NSERC will also administer the program of Research Associateships established by the Canadian International Development Agency for scientists from developing countries.

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For its part, NRC will maintain a program of co-operation and exchange of scientists with the Centre national de la recherche scientifique (CNRS) of France.

NRC is the Canadian member for the International Council of Scientific Unions (ICSU) and for 16 of the 18 constituent unions, for six of the scientific committees and for four of the ICSU scientific associates: the International Federation for Documentation, the Pacific Science Association, the International Union of Quaternary Research and the International Federation for Automatic Control.

During the current year, NRC has accepted the responsibility of representing the Canadian scientific community in the International Union of Physiological Sciences and the International Union of Pharmacology, assuming a role that was formerly performed by the Medical Research Council of Canada. NRC will also participate in the activities of the International Mathematical Union, succeeding the Canadian Mathematical Society.

News briefs

Canada has concluded export restraint arrangements with Bulgaria, Pakistan, Singapore and Sri Lanka, whereby those four countries agreed to limit exports to Canada of several clothing and textile items, the Industry, Trade and Commerce Department reported. The items were not disclosed. The department said it entered into discussions with each of the four countries after import surveillance had indicated that their shipments to Canada of certain unnamed clothing and textile products would increase sharply this year.

Increases in cod and haddock quotas for Canadians fishing on Georges Bank have been announced by federal Fisheries Minister James McGrath. The new quotas are based on the percentage entitlements contained in the recent Canadian-U.S. East Coast fishing agreement. That agreement has not yet been ratified by the U.S. Senate, but Mr. McGrath said the Fisheries Department wanted to set quotas that resembled those set out in the pact. The new quotas involve an increase of 190 tonnes over quotas already set for 1979.

Industrial corporations had profits of \$4.57 billion in the second quarter of 1979, up 37.9 per cent from \$3.32 billion a year earlier, Statistics Canada reports. It was the ninth consecutive quarter in

A Canadian delegation, headed by the President of the National Research Council, attended the seventeenth General Assembly of the ICSU, which was held in Athens, Greece, in September 1978.

In engineering, NRC is the Canadian adhering member to eight international associations and shares with the Canadian Engineering Societies' Committee in the activities of the World Federation of Engineering Organizations (WFEO) and the Pan American Federation of Engineering Societies (UPADI).

There has been, in recent years, a development of organizations devoted to the interchange of scientific and technical information, policy development, and co-operation in research and development. Among the most important of these are the United Nations and its specialized agencies, the Organization for Economic Co-operation and Development (OECD), the North Atlantic Treaty Organization (NATO) and the International Energy Agency (IEA).

which industrial corporations' profits have shown a gain from those of a year earlier. Second quarter sales totalled \$95.7 billion, up 14 per cent from \$83.93 billion.

Eliza Beatty, 88, of Carlyle, Saskatchewan will represent Canadian motherhood at the national war memorial Remembrance Day ceremony in Ottawa, November 11. Mrs. Beatty and her late husband, Walter, lost two sons during the Second World War and a third son was wounded.

Quebec and the Federal Government have signed a new agreement on cost sharing of municipal development programs. The Federal Government will turn over \$47 million in grants to the province this year and another \$78 million in 1980. The province and the Federal Government will spend \$97 million this year on joint subsidy programs, which include improvement of community facilities, urban park development, high-density housing, installation of water systems, and water purification.

A 24-year-old native of Hudson Hope, British Columbia, won the world Wellie-hurling championship recently in London, England, when he flung a Size-8 gumboot 36.3 metres. Eugene Sturby, a student at University of Calgary, competed as Canadian champion and won £100 (\$265) worth of sports equipment.