

design, construction and maintenance of nets and other gear. This program receives substantial assistance from the Vocational Training Branch of the federal Department of Labour. The on-course instruction is supplemented frequently by informal on-the-spot assistance to smaller groups who find themselves in need of technical help with particular problems. The Fisheries Division, with financial and/or technical assistance provided by the Industrial Development Service of the federal Department of Fisheries, also organizes and conducts demonstrations of fishing methods and gear of types untried in some or all of the several fishing areas of the province.

New Brunswick.—The fisheries of New Brunswick, both tidal and inland, are under the jurisdiction of the federal Department of Fisheries and angling in Crown waters is under the jurisdiction of the provincial Department of Lands and Mines. To supplement the activities of the federal Department of Fisheries and to establish closer liaison between the fishing industry and various government departments and agencies, both federal and provincial, in all matters relating directly or indirectly to fisheries, the New Brunswick government created in 1946 a Fisheries Branch and a Fishermen's Loan Board within its Department of Industry and Development.

Commercial fishing is one of the most important basic industries of the province. More than 6,500 fishermen and 2,500 plant workers are employed in this industry; the gross yearly income of the fishermen is over \$9,000,000 and the total marketed value of fish products is approximately \$25,000,000. Recognizing its contribution to the economy of the province, the New Brunswick government appointed, in 1960, a Deputy Minister of Fisheries who is directly responsible to the Minister of Industry and Development in all matters relating to fisheries.

Since its inception, the Fishermen's Loan Board has disbursed more than \$5,300,000 for the construction of fishing vessels and the purchase of modern equipment and diesel motors for fishermen of the province. Loans of \$1,500 to \$2,500 are made available to inshore fishermen for the purchase of lobster boats and engines, and amounts of \$9,000 to \$50,000 to offshore fishermen for the building and equipping of modern longliners, Danish seiners and dragners. These amounts represent the net amount lent to fishermen, which is about 70 p.c. of the total cost of the vessels after deducting the required down-payment and the Federal Government subsidy of \$165 per gross ton. New Brunswick now has a fleet of 89 groundfish dragners and 22 longliners and Danish seiners.

New designs of fishing vessels are being prepared by the Fisheries Branch in co-operation with naval architects and boat-builders. The vessels, as completed, are being used for experimental purposes and a certain pattern of standardization is followed to maintain building and maintenance costs at the lowest possible level. A 48-foot longliner was tested in 1960 as a Danish seiner with very satisfactory results. The Fisheries Branch is continuing to study the vessel to determine its applicability to gillnetting for groundfish. In co-operation with the Industrial Development Service of the federal Department of Fisheries, experimental projects such as codfish gillnetting, Danish seining for flounders and plaice, mid-water trawling for sardines and herring, mechanical digging for bar clams and quahaugs, etc., are being undertaken by the Fisheries Branch in an effort to introduce more modern fishing methods and equipment.

Practical training is made available by the Fisheries Branch to dragger operators and inshore fishermen during the winter season in various parts of the province. A permanent school of fisheries has been in operation, under the auspices of the Caraquet School Board, since the autumn of 1959. Nineteen students attended the first portion of the two-year course.

To co-ordinate the efforts of the Atlantic Provinces and the Federal Government in the promotion of fisheries, the federal Department of Fisheries formed a Provincial-Federal Atlantic Fisheries Committee of which the Province of New Brunswick is a member.