

the National Employment Service will continue, as in the past, to assist immigrants in their establishment in employment and integration into the Canadian community.

"Ontario becomes the first province to accept this responsibility in respect of welfare which affects the majority of immigrants, as something slightly in excess of 50 per cent of the immigrants who come to this country establish themselves in that province. I may add that negotiations have been initiated with some of the other provinces with a view to concluding similar arrangements."

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CANADA - U.S. EXPERIMENTS

Dr. A. Hartley Zimmerman, Chairman of the Defence Research Board (DRB) and Dr. T. Keith Glennan, Administrator of the United States National Aeronautics and Space Administration (NASA), have announced acceptance by NASA of proposals by the Defence Research Board of Canada for joint rocket vehicle and satellite experiments. U.S. rockets and a satellite will be instrumented by scientists from the Ottawa establishment.

To be launched not earlier than 1961 at Vandenberg Air Force Base in California, the satellite experiment will permit probing by radio pulses of the ionosphere's top or upper-side. The date of launching will be dependent upon numerous technical and other considerations.

NASA is making available space in the satellite to the Canadian scientists because DRTE has specialized for many years in ionospheric and upper atmospheric investigations. Object of the experiment will be to obtain information complementary to the mass of scientific data about the ionosphere and upper atmosphere collected during past years by means of ground-based research facilities.

In addition to the satellite project, the Ottawa establishment will develop instrumentation for two high-altitude research rockets to be launched by NASA this year. The experiments will be designed to study the electron density in the ionosphere. DRTE scientists are particularly well qualified to conduct the experiments because of their emphasis in the past on the auroral zone which appears over Canada's northern areas in the form of a vast crescent.

The Canadian group has begun adapting instrumentation techniques to the special conditions of rocket and satellite installation. The scientists will also design suitable equipment for existing Canadian ionospheric stations at Fort Churchill, Man., and else-

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where in Canada to which the satellite and rocket data will be relayed.

In charge of the team planning the Canadian phase of the satellite project is R. Keith Brown, of Ottawa and formerly of Vancouver, leader of the Space Instrumentation Section of DRTE's Electronics Wing. Dr. Walter Heikkila, of Ottawa and formerly of Cochrane, Ont., Head of the Rocket Research Section of DRTE's Radio Physics Wing, is in charge of the rocket instrumentation programme.

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FUR FARMING

Peltings of fur-bearing animals on Canadian fur farms in 1957 declined in number to 943,000 from 1,009,000 in the preceding year, while the farm value was virtually unchanged at \$15,424,000 versus \$15,471,000, the Dominion Bureau of Statistics reports. The number of fur farms in operation at the end of 1957 declined to 2,548 from 2,829 at the end of 1956, but the number of fur-bearers on these farms increased to 465,000 from 453,000.

Mink accounted for all but a small part of the total value in 1957. In 1957 the number of mink pelted was 936,000 valued at \$15,346,000, as compared with 1,002,000 valued at \$15,413,000 in 1956. Mink pelt production on farms by colour type was as follows: standard and dark half-blood 144,700 valued at \$2,144,300, grey types 113,200 at \$1,542,600, dark blue 72,900 at \$1,361,100, light blue 192,200 at \$3,431,100, brown 344,000 at \$5,143,500, beige 41,000 at \$698,200, and white 38,300 at \$1,025,100.

Fur farms in Ontario produced 243,700 pelts valued at \$3,998,000 in 1957, followed by Manitoba with 204,600 pelts worth \$3,493,000, British Columbia with 188,800 worth \$3,310,000, Alberta with 121,500 worth \$1,855,000, and Saskatchewan with 66,000 worth \$1,113,000. The remaining provinces had a value of production of less than \$1,000,000 and ranked in the following order: Quebec, Newfoundland, Nova Scotia, New Brunswick, and Prince Edward Island.

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ONTARIO ELECTION

Premier Frost of Ontario has announced that an election will take place on June 11 in that province.

May 4, the date of the announcement, was also the tenth anniversary of Premier Frost's assumption of office. The Conservative Party has been in power in Ontario since August 1943.