

safety of life. Operators for services of lesser importance, or not likely to become a source of interference, are required to satisfy the Department of Transport that they are fully qualified to operate and maintain the equipment upon which they are employed.

As of Mar. 31, 1948, the total number of certificates issued was 16,332, not all of which are still valid. In the commercial classes, certificates must be brought up to date from time to time by exchange or by re-examination, and in a number of cases operators have allowed their certificates to become obsolete.

Summary of Principal Licensed Services

Commercial Trans-Oceanic Radiotelegraph and Radiotelephone Service.—The Canadian Marconi Company is licensed to operate a long distance beam radiotelegraph service from its Montreal (Drummondville) Que., station to Great Britain, Australia, Bermuda, and Jamaica, and a radiotelephone service from Montreal to Great Britain.

Canada-Newfoundland Radiotelephone Service.—The Canadian Marconi Company is licensed to operate a public commercial station with the transmitter at Drummondville and receiver at Yamachiche, Que., for the purpose of communicating with a similar station located at St. John's, Newfoundland, thus providing a direct Newfoundland-Canada radiotelephone circuit.

Commercial Point-to-Point Radiotelephone Services.—The North-West Telephone Company operates a radiotelephone service between points in British Columbia, not hitherto served by telephone communications. Such stations, used in conjunction with the ordinary telephone exchange, provide a duplex radiotelephone service to 147 isolated points and certain ships at sea.

The Quebec Telephone and Power Company.—On the south shore of the St. Lawrence, this Company operates a radiotelephone station at Rimouski which ties in with the Bell Telephone Company at that place and with a radiotelephone station at Baie Comeau, Que; telephone service from that area is provided to any part of the Dominion.

Canadian Pacific Air Lines Limited.—This organization operates a public commercial radiotelephone service consisting of public commercial radiotelephone stations located at Sioux Lookout, Pickle Lake, Red Lake and Kenora, Ont., which are used in conjunction with the ordinary telephone exchanges to provide telephonic communication to privately owned stations located at isolated points throughout the northwestern part of Ontario.

Provincial Government Services.—Provincial authorities use radio in forestry work and operate stations as follows: Nova Scotia 5; New Brunswick 4; Quebec 61; Ontario 261 (including 23 aircraft stations); Manitoba 41 (including 3 aircraft stations); Saskatchewan 137 (including 12 aircraft stations); Alberta 154; British Columbia 339 (including 14 patrol vessels, 2 Game Commission vessels and 1 Game Commission fixed station). The British Columbia Department of Public Works operates 5 private commercial stations including 1 aircraft station. The Alberta Department of Public Works has 14 stations (including 2 aircraft stations) and the Alberta Department of Railways and Telephones operates 6 stations. The Nova Scotia Department of Highways and Public Works operates 2 stations.