

## 4.—Type of Service Performed and Areas Served By Marine Radio Stations of the Department of Transport, as at Mar. 31, 1938—concluded.

Service Performed.	Areas Served.				No.
	Great Lakes.	Gulf of St. Lawrence and East Coast.	Hudson Bay, Strait, and Sub-Arctic.	Pacific Coast.	
<b>Totals, Stations Serving Specified Areas</b> .....	15	37	6	21	79
Ottawa short-wave station <sup>1</sup> .....					1
<b>Grand Total</b> .....					80

<sup>1</sup> Contacts West Coast and sub-Arctic stations.

Department of Transport, Aeronautical Service.—The radio services provided for aviation may be divided into two categories: first, those furnished on behalf of aircraft flying trans-Canada routes; and secondly, those intended for aircraft flying transatlantic routes. This phase of radio in Canada is being rapidly developed and it is expected that within a very short time aircraft pilots will be provided with as complete a service as is, at the present time, supplied to marine navigators. This service will include the completion of a chain of radio range stations extending from coast to coast along the trans-Canada airway and on important connecting routes. These stations are located at airports approximately every 100 miles and transmit signals which enable pilots to navigate entirely by instruments. Routine weather reports are also broadcast hourly.

## 5.—Type of Service Performed and Routes Served by Aeronautical Radio Stations of the Department of Transport, as at Mar. 31, 1938.

Service Performed.	Routes Served.			No.
	Trans-Canada. <sup>1</sup>	Transatlantic.	Trans-Canada and Transatlantic.	
Directional Radio Beacon, and Radiotelephone.	Cranbrook, B.C. Edmonton, Alta. Grand Forks, B.C. Lethbridge, Alta. Medicine Hat, Alta. Princeton, B.C. Red Deer, Alta. Regina, Sask. Rivers, Man. Swift Current, Sask. Vancouver, B.C. Winnipeg, Man.			12
Directional Radio Beacon, Radiotelegraph, and Radiotelephone.			St. Hubert, P.Q.	1
Direction-finding.		Longueuil, P.Q.		1
Direction-finding, Radiotelegraph, and Radiotelephone.			Shediac, N.B.	1
<b>Totals, Stations Serving Specified Routes.</b>	12 <sup>1</sup>	1	2	15
Auxiliary meteorological reporting station, Port Harrison, P.Q.....				1
<b>Grand Total</b> .....				16

<sup>1</sup> Twelve additional stations on this route are under construction in Ontario, located as follows: Earleton Jct., Kapuskasing, Kenora, Killaloe, Muskoka, North Bay, Ottawa, Pagwa, Porquis Jct., Sioux Lookout, Toronto (Maiton), Wagaming.